

Third Annual Report
Intermountain Forest Tree
Nutrition Cooperative

by

James Moore
Kurt Pregitzer
James Vander Ploeg
James Mital

College of Forestry, Wildlife
and Range Sciences

University of Idaho

Moscow, Idaho

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SUMMARY

Forty-five fertilization test sites were established during the second year of the Intermountain Tree Nutrition Cooperative. The location and a mensurational description of each installation is provided in this report. The distribution of all ninety-four Douglas-fir installations by sampling strata is also given.

Pre-treatment foliar nitrogen levels are low throughout the geographic area covered by the cooperative. Foliar-N values are given for each of the 1981 installations.

Results of the Weetman Foliar Analysis Screening Technique are presented. Change in average needle weights one year after treatment of the 1981 installations indicates that twenty-nine of the forty-one stands tested are likely to respond to some degree to nitrogen fertilization.

ACCOMPLISHMENTS IN 1982

Test sites established:

Forty-five installations were established during the second year of the Intermountain Tree Nutrition Cooperative. These installations complete the establishment phase of the Douglas-fir portion of the project. The study plan for the cooperative specified that ninety, second-growth, even-aged, managed stands of Douglas-fir were to be sampled. Within this broad strata, we also wanted to include a range of stand ages, tree size, densities and site conditions. The distribution of all test sites by tree size, age, stocking and density is given in Table 1, and Table 2 provides the distribution of these same characteristics for each physiographic area of the cooperative. The 94 installations cover a good range of site and stand conditions. A brief description of each installation is provided in Table 3 and a detailed mensurational summary for each of the 45 test sites installed in 1982 is included in Appendix 2. For all 94 installations, stand ages ranged between 27 and 100 years; basal area per acre ranged from 48 to 272 sq. ft.; and average stand diameter was between 5.8 and 15.3 inches.

The map included in Appendix 1 shows the approximate locations of all 94 test sites. Each physiographic area received approximately an equal number of installations, except for eastern Oregon. Cooperators in Oregon were not able to locate any additional study sites on their lands.

The installations are well distributed across the range of site and stand conditions typical of managed Douglas-fir stands on cooperator ownerships. The first phase of the cooperative's field activities is

Table 1. Distribution of all test sites of the Intermountain Tree Nutrition Cooperative by sampling strata, 1980-1982.

		Number of Installations
Geographic region	Northern Idaho	19
	Central Idaho	14
	Montana	16
	Northeast Washington	17
	Central Washington	19
	Northeast Oregon	9
	Total = 94 ^a	
Diameter class	5- 8"	18
	8-11"	52
	11-14"	20
	≥ 14"	4
Age class	20-40	9
	40-60	27
	60-80	38
	≥ 80	20
Trees/acre	100-150	7
	150-200	23
	200-250	26
	250-300	9
	300-350	11
	350-400	4
	400-450	7
	450-500	4
≥ 500	3	
BA/acre	40- 80	3
	80-120	30
	120-160	37
	160-200	15
	≥ 200	9

^a Includes 4 installations established in 1980.

Table 2. Distribution of IFTNC test sites by sampling strata for each physiographic area, 1980-1982.

Northern Idaho		Number of Installations	
		1980-1981	1982
Diameter class	5- 8"		5
	8-11"	4	5
	11-14"		4
	≥ 14"	1	
Age class	20-40		6
	40-60	4	5
	60-80		2
	≥ 80	1	1
Trees/acre	100-150		
	150-200	1	1
	200-250	2	2
	250-300	1	
	300-350	1	4
	350-400		
	400-450		2
	450-500		3
≥ 500		2	
BA/acre	40- 80		
	80-120	2	2
	120-160	2	3
	160-200	1	4
	≥ 200		5

Table 2 (continued).

Central Idaho		Number of Installations	
		1980-1981	1982
Diameter class	5- 8"		
	8-11"	9	5
	11-14"		
	≥ 14"		
Age class	20-40		
	40-60	2	
	60-80	5	4
	≥ 80	2	1
Trees/acre	100-150		
	150-200	4	1
	200-250	3	4
	250-300	1	
	300-350		
	350-400	1	
	400-450		
	450-500		
≥ 500			
BA/acre	40- 80	1	
	80-120	6	1
	120-160	2	4
	160-200		
	≥ 200		

Table 2 (continued).

Montana		Number of Installations	
		1980-1981	1982
Diameter class	5- 8"	2	4
	8-11"	3	4
	11-14"	3	
	≥ 14"		
Age class	20-40	1	4
	40-60	3	
	60-80	2	3
	≥ 80	2	1
Trees/acre	100-150		
	150-200	4	2
	200-250	2	1
	250-300	1	
	300-350	1	1
	350-400		1
	400-450		2
	450-500		
≥ 500		1	
BA/acre	40- 80	1	
	80-120	2	1
	120-160	4	6
	160-200	1	
	≥ 200		1

Table 2 (continued).

Northeast Washington		Number of Installations	
		1980-1981	1982
Diameter class	5- 8"	3	1
	8-11"	6	6
	11-14"	1	
	≥ 14"		
Age class	20-40	1	1
	40-60	4	2
	60-80	4	2
	≥ 80	1	2
Trees/acre	100-150		
	150-200	2	
	200-250	5	3
	250-300	2	
	300-350		1
	350-400		1
	400-450		1
	450-500	1	1
≥ 500			
BA/acre	40- 80	1	
	80-120	4	2
	120-160	4	2
	160-200	1	2
	≥ 200		1

Table 2 (continued).

Central Washington		Number of Installations	
		1980-1981	1982
Diameter class	5- 8"	1	2
	8-11"	1	4
	11-14"	6	3
	≥ 14"	2	
Age class	20-40		
	40-60		
	60-80	6	8
	≥ 80	4	1
Trees/acre	100-150	5	
	150-200	2	2
	200-250	1	2
	250-300		2
	300-350	1	2
	350-400		1
	400-450	1	
	450-500		
	≥ 500		
BA/acre	40- 80		
	80-120	4	3
	120-160	6	2
	160-200		2
	≥ 200		2

Table 2 (continued).

Northeast Oregon		Number of Installations	
		1980-1981	1982
Diameter class	5- 8"		
	8-11"	4	
	11-14"	2	2
	≥ 14"	1	
Age class	20-40		
	40-60	3	
	60-80	2	1
	≥ 80	2	1
Trees/acre	100-150	1	
	150-200	3	1
	200-250	1	
	250-300	2	
	300-350		1
	350-400		
	400-450		
	450-500		
≥ 500			
BA/acre	40- 80		
	80-120	3	
	120-160	1	
	160-200	2	2
	≥ 200	1	

Table 3. Summary description of IFTNC test sites, 1980-1982.

Installation	Region	TPA	Ave. DBH (inches)	BA/acre (sq ft)	Stand age
<u>1980</u>					
103-Gold Cr.	Central Idaho	164	10.1	98	61
104-Davis Cr.	NE Oregon	177	8.9	80	42
105-Teanaway R.	Central Washington	178	12.2	154	83
106-Deer Cr.	NE Washington	240	7.9	91	41
<u>1981</u>					
201-Laffinwell Cr. #1	Central Idaho	228	9.3	114	59
202-Horsethief Basin	Central Idaho	182	8.0	67	58
203-Laffinwell Cr. #2	Central Idaho	162	10.3	100	69
204-Johnson Mill #1	N. Idaho	238	8.8	105	41
205-Johnson Mill #2	N. Idaho	227	9.2	111	41
206-Caribel #2	N. Idaho	260	9.9	152	46
207-Waha	NE Oregon	277	10.0	158	55
208-Lovell Valley Road	N. Idaho	150	14.6	189	88
209-Addy	NE Washington	182	11.8	143	68
210-Buck Cr.	NE Washington	272	9.4	144	54
211-Heel Cr.	NE Washington	472	7.7	172	34
212-Swamp Cr.	NE Oregon	197	8.5	81	71
213-Kamela	NE Oregon	122	11.8	98	--
214-Fifteen Mile Cr. #1	NE Washington	202	8.9	92	50
215-Fifteen Mile Cr. #2	NE Washington	213	7.8	73	51
216-Shmidt Mdw.	NE Washington	280	9.4	143	66
217-Emanuel Cr.	NE Washington	218	9.5	113	75
218-Second Cr.	NE Washington	152	10.5	94	100
219-Little Salmon Cr.	Central Idaho	242	9.5	127	67
220-Grouse Cr.	Central Idaho	267	8.1	104	89
221-Little Mud Cr. #1	Central Idaho	180	10.5	118	82
222-West Mill Cr. #1	Central Idaho	355	8.1	138	71
223-West Mill Cr. #2	Central Idaho	225	9.1	111	75
224-Kaiser Butte	Central Washington	102	15.3	155	74
225-Bowman Cr.	Central Washington	160	10.9	110	82
226-Cleman Mt.	Central Washington	132	10.8	88	79
227-Johnson Canyon	Central Washington	123	12.2	102	80
228-Lookout Mtn. West	Central Washington	212	10.7	140	64
229-Lookout Mtn. East	Central Washington	113	14.3	130	69
230-M.F. Teanaway R.	Central Washington	121	13.0	126	81
231-Elmo	Montana	168	10.0	97	61
232-Sunnyslope	Montana	197	11.1	138	54
233-Hellroaring Cr.	Montana	173	12.2	145	54
234-Ronan	Montana	177	11.5	132	59
235-Fish Cr.	Montana	325	7.6	110	74
236-Deer Cr.	Montana	298	9.7	168	80
237-Mollet Park	Montana	232	10.2	148	90
238-Buffalo Bill Cr.	Montana	213	6.2	48	32

Table 3 (continued).

Installation	Region	TPA	Ave. DBH (inches)	BA/acre (sq ft)	Stand age
239-Waha #2	NE Oregon	151	13.9	182	87
240-Quartz Cr.	N Idaho	345	8.6	150	41
241-Woody Mtn.	Central Washington	303	8.0	112	72
242-N.F. Ninemile Cr.	Central Washington	430	7.1	139	87
243-Starvation Lake	NE Washington	240	9.7	130	73
244-Big Lookout Mtn. #1	NE Oregon	207	14.7	272	90
245-Big Lookout Mtn. #2	NE Oregon	250	11.0	191	52
<u>1982</u>					
246-Kettle Falls	NE Washington	347	6.9	100	34
247-Park Rapids	NE Washington	213	10.6	138	76
248-Quiney Flat	Central Washington	190	10.3	115	64
249-Kaiser Butte #2	Central Washington	200	11.7	170	77
250-Quartz Cr. #2	N. Idaho	340	7.5	115	38
251-Game Cr.	Montana	393	7.9	151	60
252-Black Canyon Ranch	Montana	407	7.7	144	89
253-Elk Cr. Res.	N. Idaho	248	11.5	201	53
254-Cranberry Cr.	N. Idaho	460	5.8	93	27
255-Birch Cr.	N. Idaho	702	6.4	177	34
256-Sly Meadows	N. Idaho	568	6.8	175	36
257-Little Catherine Cr.	NE Oregon	149	13.6	171	87
258-Rondowa	NE Oregon	188	12.7	182	72
259-Railroad Canyon	Central Washington	343	9.7	189	71
260-Tumwater Mtn.	Central Washington	235	12.1	217	74
261-Second Cr.	Central Washington	272	9.6	147	75
262-Stevens Pass	Central Washington	373	9.6	211	75
263-N.F. Teanaway R.	Central Washington	207	11.4	155	87
264-Renfro Pk.	N. Idaho	440	9.2	237	50
265-Mallory Cr.	N. Idaho	320	8.2	129	32
266-Douglas Falls #1	NE Washington	245	9.2	122	83
267-Douglas Falls #2	NE Washington	212	9.7	118	81
268-Sheep Cr.	NE Washington	358	9.2	187	55
269-Upper Burnt Cr.	Montana	313	8.8	146	57
270-Howard Cr.	Montana	243	9.1	124	49
271-Whitney Cr.	Montana	417	7.9	156	57
272-Indian Cr.	Montana	613	6.2	145	57
273-Little Beaver Cr.	N. Idaho	413	7.8	146	36
274-Carreywood Cr.	N. Idaho	168	11.5	133	60
275-Smith Lake	N. Idaho	322	9.4	173	75
276-Mill Cr.	Central Idaho	240	10.3	148	61
277-Little Mud Cr. #2	Central Idaho	235	10.2	137	63
278-Wet Gulch	Central Idaho	182	9.8	103	92
279-Henry Cr.	Central Idaho	213	10.8	144	79
280-Smith Cr.	Central Idaho	232	9.7	128	65
281-O'Neil Hill	N. Idaho	478	8.3	207	44
282-Cook Mtn.	Central Washington	313	7.6	103	69

Table 3 (continued).

Installation	Region	TPA	Ave. DBH (inches)	BA/acre (sq ft)	Stand age
283-Summit Cr.	Central Washington	283	7.7	98	75
284-N.F. Valley Cr.	Montana	155	12.3	138	75
285-S.F. Valley Cr.	Montana	155	11.5	119	72
286-Black Rock Cr.	N. Idaho	240	12.3	211	83
287-Jim Ford Cr.	N. Idaho	433	8.3	174	57
288-Mica Mtn.	N. Idaho	310	11.5	256	54
289-Grouse Mtn.	NE Washington	430	8.3	182	51
290-Grass Mtn.	NE Washington	487	8.3	207	75

completed. Subject to approval by the research council, the study plan specifies grand fir and ponderosa pine as the species of interest for new installations in 1983.

Pre-treatment foliar nitrogen levels:

Pre-treatment foliar nitrogen levels have been estimated for the 1981 installations and the results are presented in Table 4. The foliar nitrogen values are low throughout the region. The overall average foliar-N concentration is 1.0 percent. Two percent has been estimated as the foliar-N critical level for coastal Douglas-fir. The highest value observed for our test sites was 1.25 percent. Even though the values are low for all test sites, there are significant differences in foliar-N concentrations between some physiographic regions. For example, eastern Washington has the lowest nitrogen levels, with an average of only 0.93 percent, while eastern Oregon had the highest foliar-N concentrations averaging 1.09 percent. Central Idaho and central Washington were the least variable physiographic areas and eastern Oregon showed the most variation in foliar-N levels. These results are in agreement with the foliar-N levels reported by Dr. Nellie Stark for two areas of western Montana.

Low foliar nitrogen levels are probably associated with low available nitrogen for our test sites. While this does not guarantee a significant growth response from the addition of nitrogen, the results do suggest that nitrogen fertilization has good potential all across the Inter-mountain region. We plan additional statistical analysis to possibly explain the variation in pre-treatment foliar nitrogen concentrations as a function of site and stand attributes.

Table 4. Summary of prefertilization foliar nitrogen levels for the 1981 test sites of the IFTNC.

Installation	Mean percent foliar nitrogen	Standard deviation (among trees within installations)	Number of trees sampled	Number of trees below 1% nitrogen
201	1.05	0.16	4	1
202	0.92	0.06	8	7
203	1.04	0.07	4	1
204	1.07	0.11	9	3
205	0.99	0.12	9	6
206	1.06	0.12	9	2
207	1.08	0.18	7	2
208	0.94	0.09	7	5
209	0.89	0.14	9	7
210	0.99	0.08	10	6
211	1.08	0.09	5	1
212	0.95	0.14	7	4
214	0.98	0.14	11	8
215	0.92	0.10	11	9
216	0.80	0.09	10	10
217	0.94	0.11	11	7
218	0.79	0.08	10	10
219	1.00	0.08	10	6
220	0.88	0.10	8	6
221	0.91	0.15	8	4
222	1.03	0.15	7	3
223	1.03	0.03	4	1
224	1.01	0.11	9	3
225	0.95	0.09	12	7
226	1.03	0.12	7	3
227	1.07	0.09	10	2
228	1.12	0.09	9	1
229	0.97	0.12	9	6
230	1.01	0.10	11	6
231	0.99	0.12	9	5
232	1.17	0.16	10	1
233	1.06	0.11	9	3
234	1.14	0.15	11	1
235	0.87	0.08	9	8
236	0.98	0.09	8	3
237	1.04	0.09	12	3
239	1.03	0.10	9	5
240	1.13	0.08	8	1
241	0.96	0.12	10	6
242	0.90	0.12	10	8
243	1.00	0.08	10	6
244	1.13	0.10	10	0
245	1.25	0.15	12	0
43	1.00 ± .09	0.11 ± .03	382	187

"Weetman" Foliar Analyses Screening Technique for the 1981 installations of the Cooperative:

Procedure

To determine the response of inland Douglas-fir stands to nitrogen fertilization, based on foliar characteristics, 41 of the 1981 installations established by the Intermountain Forest Tree Nutrition Cooperative were sampled in fall 1982. The sampling was conducted from late August through mid-December, after the trees had set bud.

Foliage samples were collected from two trees within each plot (or from the fertilized buffer strip) for a total of 12 per installation. Trees were primarily of dominant crown class and were selected based on characteristics of good form, high vigor, and relative freedom from any insect or disease problems. The following information was collected for each tree:

1. DBH,
2. height,
3. crown ratio,
4. crown fullness,
5. crown class,
6. age,
7. aspect,
8. slope,
9. surface soil sample (composite),
10. subsurface soil sample
11. other.

In addition, the following site information was collected from each plot:

1. site position,
2. slope length,
3. elevation,
4. area of uniform topography,
5. angle of the horizon above the horizontal,
6. associated tree species,
7. type of bedrock,
8. depth of bedrock (determined near each sample tree)
9. other (logging history, evidence of fire, etc.)

The foliage samples were collected by climbing the trees with climbing spurs and belt, and then using hand pruners to clip off current-year shoots from the third whorl from the top of the tree. The samples were collected in plastic bags and stored in insulated coolers with ice while in the field. At the laboratory, samples were stored in a walk-in freezer at -17.7°C until they were taken out to be dried.

The samples were oven-dried at 70°C and the needles were then separated from the twigs. Five replications of 100 needles were counted for each tree. The counted needles were then redried and weighed to determine average needle weight. Average needle weights of all trees within a treatment were then computed as presented in Table 5. Predicted fertilization response as determined by changes in needle weight is also included in Table 5.

To determine foliar nitrogen concentration, the samples were ground with a Wiley mill, and then processed using the standard micro Kjeldahl technique. Sulphuric acid digestion was utilized, followed by sodium hydroxide distillation. This analysis is currently underway and should be completed soon.

A graphical representation combining average needle weight by treatment and foliar nitrogen concentration for two installations is shown in Figures 1 and 2. Figure 1 illustrates a non-response situation where an increase in nitrogen concentration is combined with reduced needle weight. This may be an indication of toxic accumulation levels of nitrogen. Figure 2 shows a situation of a strong response to nitrogen fertilization, indicated by increases in both concentration and needle weight. This implies that the initial nitrogen level was limiting.

Table 5. Needle weights and predicted response, by treatment, for 41 Intermountain Forest Tree Nutrition Cooperative fertilizer installations.

Installation	Needle Weight (g/100 needles)			Predicted Response*	
	Control	200 lbs/ac	400 lbs/ac	200 lbs/ac	400 lbs/ac
201	.7004	.6843	.8617	-	+++
202	.5689	.7093	.6685	++	++
203	.6761	.7394	.7035	++	+
204	.5590	.7149	.5804	++++	-
205	.6872	.6735	.6157	-	-
206	.6480	.6337	.7093	-	++
207	.5902	.5074	.6432	-	++
208	.4257	.4639	.5391	-	++
209	.5223	.8613	.7408	++++	++++
210	.5101	.7105	.6700	++++	++++
211	.6566	.9065	.8557	++++	++++
212	.5931	.7040	.6730	+	+
216	.7731	.8085	.7765	+	+
217	.6556	.6958	.6686	+	+
218	.5783	.6324	.6673	++	++
219	.5240	.6101	.7298	+	++
220	.6422	.6070	.8418	-	+++
221	.3845	.6225	.5887	++++	+++
222	.6483	.5563	.7482	-	++
223	.6796	.7574	.8676	+	++
225	.5640	.5366	.6579	-	++
226	.5216	.6355	.7945	++	++++
227	.7362	.6963	.7678	-	+
228	.5648	.7471	.8179	+++	++++
229	.5380	.7065	.6809	++	++
230	.5926	.6290	.6614	-	+
231	.4427	.6986	.7327	++++	++++
232	.6356	.6586	.6114	++	-
233	.5416	.6391	.5636	++	-
234	.6162	.7180	.5941	++	-
235	.5456	.6711	.7597	+	++++
236	.5769	.6368	.7105	++	+++
237	.3810	.5650	.5492	++++	+
238	.7255	.9180	.8129	+	+
239	.4743	.5354	.6715	-	+
240	.5157	.7534	.6091	++	+
241	.6786	.6887	.7239	-	+
242	.4722	.5202	.5778	-	+
243	.6277	.7322	.7361	++	+
244	.6177	.5375	.6705	-	-
245	.7485	.6390	.7691	-	-

*Response Code:
 - = no response
 + = response by some individual trees in both blocks
 ++ = response within one block
 +++ = response within both blocks
 ++++ = response across entire treatment

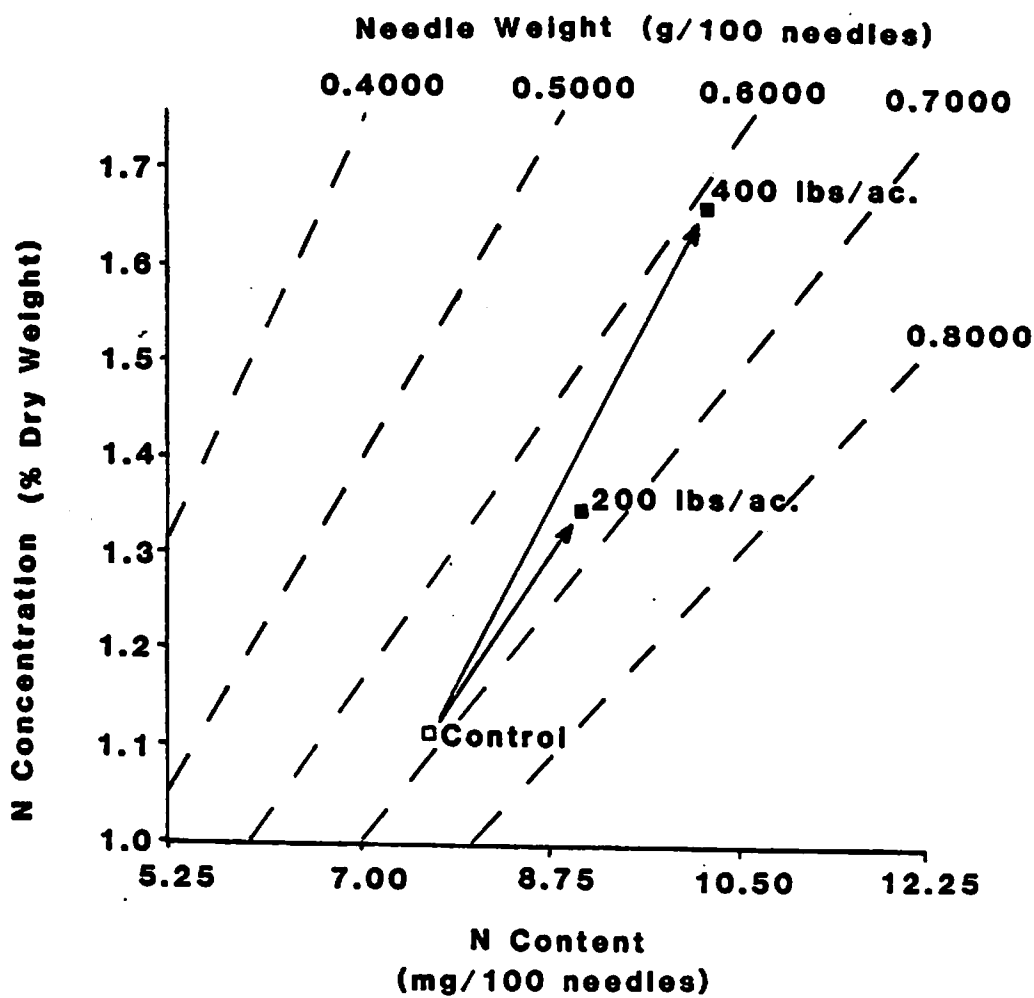


Figure 1. Graphical relationship between foliar nitrogen concentration and needle weight for IFTNC installation 205.

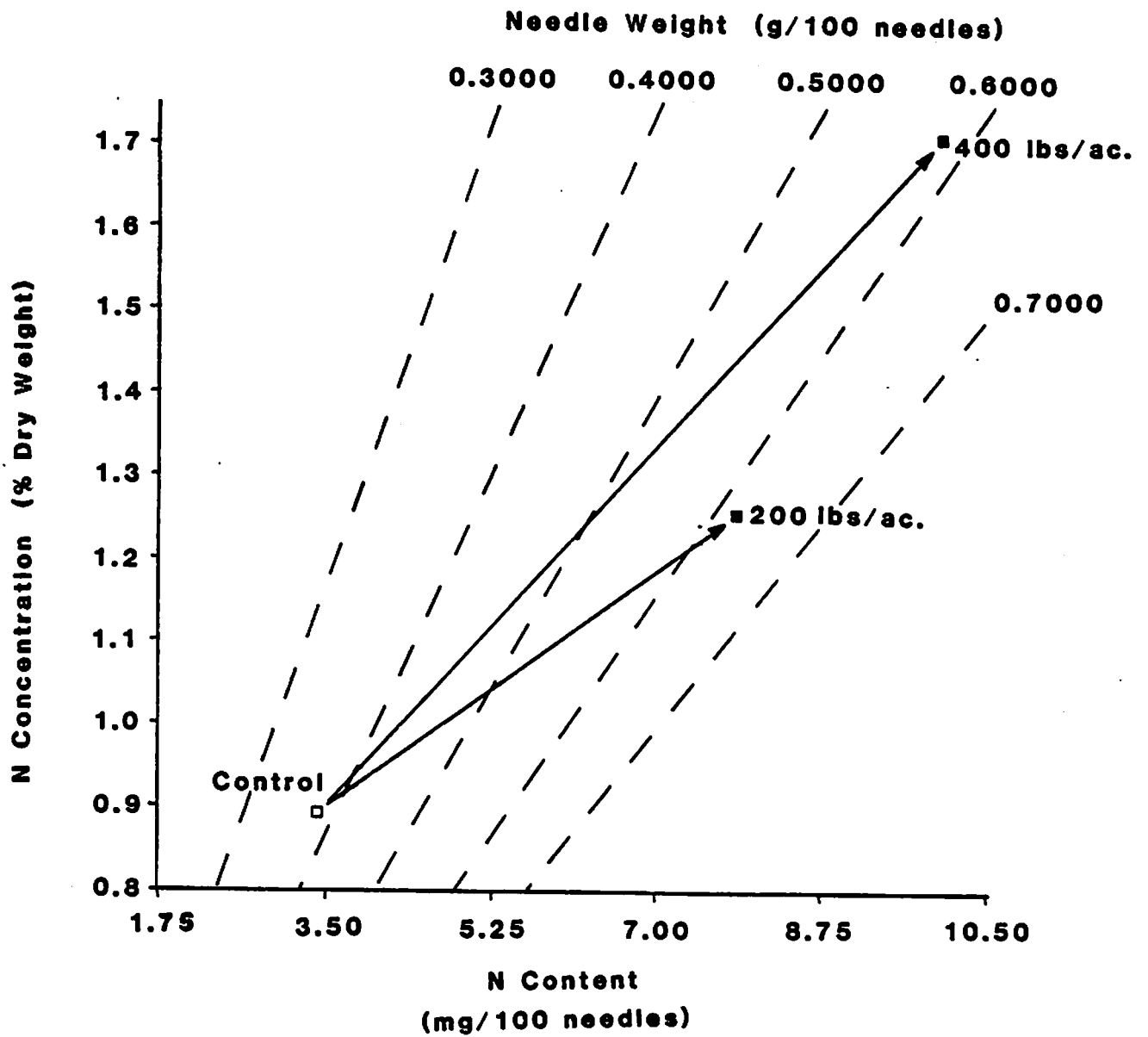


Figure 2. Graphical relationship between foliar nitrogen concentration and needle weight for IFTNC installation 221.

The data presented in Table 5 indicates that twelve installations are very likely to show a substantial growth response to nitrogen fertilization. These 12 installations (numbers: 201, 204, 209, 210, 211, 221, 226, 228, 231, 235, 236, 237) show an increase in first-year needle weight across all treatments or for both blocks within an installation. All geographic areas, except eastern Oregon, had stands included in this group. Similarly, there were 12 installations (numbers: 205, 212, 216, 217, 227, 230, 238, 239, 241, 242, 244, 245) that seem very unlikely to respond to fertilization. These installations either showed no increase in needle weight or only some trees increased in needle weight. There are some interesting geographic differences in the installations comprising this "non-response" group. Most of the test sites located in eastern Oregon are included in this group; however, in contrast, no central Idaho installations and only one each from Montana and northern Idaho are included.

The last category of response can be called "undecided." Seventeen installations (numbers: 202, 203, 206, 207, 208, 218, 219, 220, 222, 223, 225, 229, 232, 233, 234, 240, 243) showed some needle weight response to a treatment within one of the blocks in the installation. All geographic areas are represented in this group. As a guess, these stands will probably exhibit some growth response to nitrogen fertilization, but the response will likely be less than the first category of stands.

As of this writing no additional analysis has been completed. Obviously much more can and will be done in the future.

Work Planned for 1983:

The study plan for the cooperative currently specifies that the species of interest will be grand fir and ponderosa pine for new test

sites installed during 1983. Budget constraints will probably not allow all of the planned 38 new installations to be completed. The research council will decide at the annual meeting how the study plan should be modified.

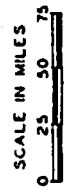
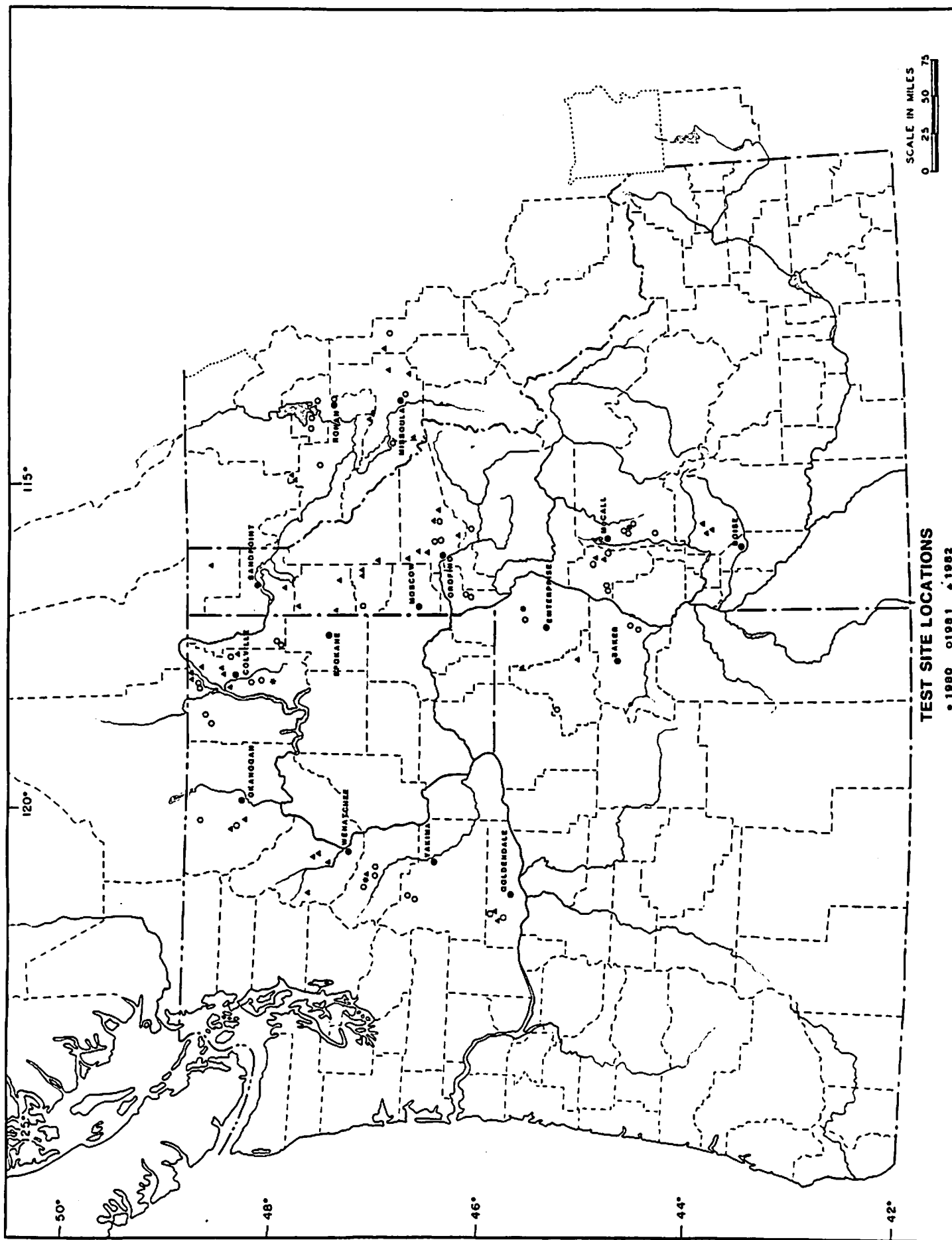
Two-year diameter growth response measurements for the forty-five 1981 installations will be made this fall. Data analysis will begin in November and December and continue early in 1984. Results will be reported at the annual meeting in 1984.

Work on the Weetman foliar analysis screening technique discussed earlier will continue in 1983. One important aspect of this work will be to verify the predictive ability of the technique by comparing the response classifications (Table 5) with the two-year growth response data for the 1981 installations.

Additional foliar and soil chemical analysis for both the 1981 and 1982 installations is not scheduled until the 1984 budget year. This schedule could change if additional funds become available or if the research council decides to alter priorities at the annual meeting.

APPENDIX ONE

**Locations of All Ninety-Four Test
Sites Installed by the Intermountain
Tree Nutrition Cooperative**



TEST SITE LOCATIONS
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APPENDIX TWO

Plot and Stand Summaries for Forty-Five
Test Sites Installed in 1982

PLOT SUMMARY
INSTALLATION 246

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	33	9.21	330	92.12	6.76		
PP	1	6	1.12	60	11.18	5.46		
TOTAL	1	39	10.33	390	103.30	6.56	0.100	CONTROL
DF	2	28	7.67	280	76.68	6.87		
PP	2	4	0.94	40	9.36	6.33		
TOTAL	2	32	8.60	320	86.05	6.81	0.100	200 LB/ACRE NITROGEN
DF	3	48	10.88	480	108.82	6.25		
PP	3	1	0.49	10	4.93	9.51		
TOTAL	3	49	11.38	490	113.75	6.32	0.100	400 LB/ACRE NITROGEN
DF	4	26	9.91	260	99.08	7.87		
TOTAL	4	26	9.91	260	99.08	7.87	0.100	200 LB/ACRE NITROGEN
DF	5	37	10.47	370	104.70	6.84		
TOTAL	5	37	10.47	370	104.70	6.84	0.100	400 LB/ACRE NITROGEN
DF	6	25	9.42	250	94.16	7.73		
TOTAL	6	25	9.42	250	94.16	7.73	0.100	CONTROL
GRAND TOTAL		208	60.10	347	100.17	6.90		

Ownership
Washington Department
of Natural Resources

Legal Description
T36N, R37E, S36, SW¼, SE¼

Meridian
Willamette

PLOT SUMMARY
INSTALLATION 247

SPECIES	PLOT	NUMBFR	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	17	11.86	170	118.55	11.15		
WL	1	2	2.45	20	24.53	14.81		
TOTAL	1	19	14.31	190	143.08	11.54	0.100	200 LB/ACRE NITROGEN
DF	2	18	10.89	180	108.92	10.23		
WL	2	1	0.54	10	5.37	9.92		
LP	2	1	0.70	10	6.98	11.31		
TOTAL	2	20	12.13	200	121.27	10.27	0.100	CONTROL
DF	3	20	13.09	200	130.92	10.67		
WL	3	9	4.03	90	40.33	8.85		
LP	3	1	0.72	10	7.18	11.47		
TOTAL	3	30	17.84	300	178.42	10.15	0.100	400 LB/ACRE NITROGEN
DF	4	18	12.05	180	120.51	10.94		
WL	4	1	0.39	10	3.94	8.50		
TOTAL	4	19	12.45	190	124.45	10.81	0.100	200 LB/ACRE NITROGEN
DF	5	18	11.43	180	114.29	10.36		
PP	5	3	2.27	30	22.73	11.74		
TOTAL	5	21	13.70	210	137.02	10.56	0.100	400 LB/ACRE NITROGEN
DF	6	18	11.60	180	116.02	10.58		
WL	6	1	0.49	10	4.89	9.47		
TOTAL	6	19	12.09	190	120.91	10.52	0.100	CONTROL
GRAND TOTAL		128	82.51	213	137.52	10.59		

Ownership
Washington Department
of Natural Resources

Legal Description
T35N, R40E, S24, NW $\frac{1}{4}$, SE $\frac{1}{4}$

Meridian
Willamette

PLOT SUMMARY
INSTALLATION 248

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	21	12.78	210	127.83	10.32		
PP	1	1	0.18	10	1.75	5.67		
TOTAL	1	22	12.96	220	129.58	10.12	0.100	400 LB/ACRE NITROGEN
DF	2	19	11.73	190	117.29	10.50		
TOTAL	2	19	11.73	190	117.29	10.50	0.100	CONTROL
DF	3	17	11.67	170	116.66	11.12		
PP	3	4	0.90	40	9.02	6.41		
TOTAL	3	21	12.57	210	125.67	10.23	0.100	200 LB/ACRE NITROGEN
DF	4	17	10.08	170	100.77	10.13		
PP	4	1	0.76	10	7.58	11.79		
TOTAL	4	18	10.84	180	108.35	10.22	0.100	400 LB/ACRE NITROGEN
DF	5	15	11.59	150	115.85	11.73		
PP	5	2	0.26	20	2.64	4.91		
TOTAL	5	17	11.85	170	118.49	10.93	0.100	CONTROL
DF	6	13	7.30	130	73.03	10.04		
PP	6	4	1.65	40	16.52	8.43		
TOTAL	6	17	8.95	170	89.55	9.66	0.100	200 LB/ACRE NITROGEN
GRAND TOTAL		114	68.89	190	114.82	10.27		

Ownership
Boise Cascade Corporation

Legal Description
T5N, R14E, S1, SE¼, NW¼

Meridian
Willamette

PLOT SUMMARY								
INSTALLATION 249								
SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	14	15.05	140	150.53	13.15		
TOTAL	1	14	15.05	140	150.53	13.15	0.100	400 LB/ACRE NITROGEN
DF	2	15	17.12	150	171.22	14.11		
TOTAL	2	15	17.12	150	171.22	14.11	0.100	CONTROL
DF	3	19	18.78	190	187.79	12.94		
PP	3	1	1.33	10	13.27	15.60		
TOTAL	3	20	20.11	200	201.07	13.07	0.100	200 LB/ACRE NITROGEN
DF	4	22	16.32	220	163.22	11.29		
TOTAL	4	22	16.32	220	163.22	11.29	0.100	200 LB/ACRE NITROGEN
DF	5	22	15.13	220	151.33	10.11		
PP	5	2	0.50	20	5.02	6.67		
TOTAL	5	24	15.64	240	156.35	9.82	0.100	CONTROL
DF	6	25	17.62	250	176.22	10.63		
TOTAL	6	25	17.62	250	176.22	10.63	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		120	101.86	200	169.77	11.72		

Ownership
Boise Cascade Corporation

Legal Description
T6N, R15E, S20, SE¼, SW¼

Meridian
Willamette

PLOT SUMMARY

INSTALLATION 250

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	32	9.92	320	99.21	7.31		
GF	1	1	0.04	10	0.40	2.72		
WC	1	1	0.30	10	2.96	7.37		
TOTAL	1	34	10.26	340	102.58	7.18	0.100	200 LB/ACRE NITROGEN
DF	2	22	11.18	220	111.83	9.22		
WP	2	1	0.12	10	1.25	4.78		
TOTAL	2	23	11.31	230	113.07	9.03	0.100	400 LB/ACRE NITROGEN
DF	3	45	13.26	450	132.59	7.09		
GF	3	3	0.41	30	4.09	4.80		
WC	3	1	0.16	10	1.64	5.49		
TOTAL	3	49	13.83	490	138.32	6.92	0.100	400 LB/ACRE NITROGEN
DF	4	24	7.06	240	70.58	7.08		
GF	4	2	0.25	20	2.54	4.59		
WC	4	1	0.85	10	8.52	12.50		
WP	4	1	0.26	10	2.63	6.94		
TOTAL	4	28	8.43	280	84.26	7.09	0.100	200 LB/ACRE NITROGEN
DF	5	31	12.48	310	124.78	8.38		
GF	5	3	0.36	30	3.56	4.60		
WP	5	1	0.25	10	2.54	6.82		
TOTAL	5	35	13.09	350	130.87	8.01	0.100	CONTROL
DF	6	27	10.71	270	107.05	8.25		
GF	6	8	1.16	80	11.55	5.01		
TOTAL	6	35	11.86	350	118.60	7.51	0.100	CONTROL
GRAND TOTAL		204	68.77	340	114.62	7.51		

Ownership
Potlatch Corporation

Legal Description
T37N, R5E, S5, S½

Meridian
Boise

PLOT SUMMARY								
INSTALLATION 251								
SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	31	11.54	310	115.38	7.84		
WL	1	1	0.07	10	0.75	3.70		
TOTAL	1	32	11.61	320	116.13	7.71	0.100	200 LB/ACRE NITROGEN
DF	2	27	12.32	270	123.24	8.53		
PP	2	3	0.95	30	9.48	7.30		
TOTAL	2	30	13.27	300	132.72	8.40	0.100	CCNTROL
DF	3	24	12.85	240	128.55	9.21		
WL	3	1	0.54	10	5.43	9.98		
PP	3	1	0.49	10	4.94	9.52		
TOTAL	3	26	13.89	260	138.92	9.25	0.100	400 LB/ACRE NITROGEN
DF	4	43	15.20	430	151.95	7.63		
WL	4	3	1.94	30	19.43	10.66		
LP	4	1	0.29	10	2.86	7.24		
TOTAL	4	47	17.42	470	174.24	7.81	0.100	200 LB/ACRE NITROGEN
DF	5	36	14.44	360	144.37	8.12		
WL	5	1	0.72	10	7.23	11.51		
LP	5	2	1.08	20	10.80	9.94		
PP	5	1	0.33	10	3.01	7.43		
TOTAL	5	40	16.54	400	165.41	8.27	0.100	CCNTROL
DF	6	59	17.09	590	170.92	6.92		
WL	6	2	0.78	20	7.81	7.37		
TOTAL	6	61	17.87	610	178.72	6.93	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		236	90.61	393	151.02	7.88		

Ownership
Champion Timberlands

Legal Description
T13N, R16W, S30, W4

Meridian
Principal

PLOT SUMMARY

INSTALLATION 252

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	28	10.41	280	104.10	7.79		
WL	1	3	1.02	30	10.16	7.63		
LP	1	11	3.66	110	36.55	7.50		
TOTAL	1	42	15.08	420	150.82	7.70	0.100	CONTROL
DF	2	42	11.32	420	113.20	6.90		
LP	2	1	0.77	10	7.66	11.85		
PP	2	1	0.31	10	3.07	7.50		
TOTAL	2	44	12.39	440	123.92	7.02	0.100	200 LB/ACRE NITROGEN
DF	3	29	12.14	290	121.39	8.52		
TOTAL	3	29	12.14	290	121.39	8.52	0.100	400 LB/ACRE NITROGEN
DF	4	41	13.70	410	137.02	7.68		
LP	4	1	0.45	10	4.48	9.06		
PP	4	1	1.27	10	12.73	15.28		
TOTAL	4	43	15.42	430	154.23	7.89	0.100	CONTROL
DF	5	38	10.61	380	106.10	6.87		
PP	5	3	2.54	30	25.37	11.83		
TOTAL	5	41	13.15	410	131.46	7.24	0.100	200 LB/ACRE NITROGEN
DF	6	29	10.75	290	107.49	7.87		
WL	6	4	1.67	40	16.69	8.43		
LP	6	10	5.55	100	55.47	9.83		
PP	6	2	0.26	20	2.64	4.90		
TOTAL	6	45	18.23	450	182.29	8.23	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		244	86.41	407	144.02	7.73		

Ownership
Champion Timberlands

Legal Description
T15N, R13W, S6, NE $\frac{1}{4}$, NW $\frac{1}{4}$

Meridian
Principal

PLOT SUMMARY

INSTALLATION 253

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	15	17.12	150	171.19	14.19		
GF	1	9	4.55	90	45.54	9.06		
TOTAL	1	24	21.67	240	216.73	12.26	0.100	CONTROL
DF	2	14	15.69	140	156.88	14.05		
GF	2	8	3.96	80	39.65	9.05		
WC	2	1	0.49	10	4.89	9.47		
TOTAL	2	23	20.14	230	201.41	12.11	0.100	200 LB/ACRE NITROGEN
DF	3	9	12.73	60	84.83	15.62		
GF	3	23	11.48	153	76.51	9.30		
WC	3	7	2.73	47	18.21	7.91		
TOTAL	3	39	26.93	260	179.55	10.51	0.150	400 LB/ACRE NITROGEN
DF	4	11	14.07	110	140.72	15.13		
GF	4	12	5.33	120	53.26	8.68		
WC	4	2	0.54	20	5.41	6.80		
TOTAL	4	25	19.94	250	199.39	11.37	0.100	200 LB/ACRE NITROGEN
DF	5	10	13.72	100	137.24	15.38		
GF	5	18	6.57	180	65.72	7.81		
WC	5	4	1.57	40	15.69	8.22		
TOTAL	5	32	21.87	320	218.65	10.23	0.100	400 LB/ACRE NITROGEN
DF	6	14	17.25	140	172.47	14.85		
WC	6	3	2.54	30	25.40	11.93		
WP	6	1	0.38	10	3.81	8.36		
TOTAL	6	18	20.17	180	201.69	14.00	0.100	CONTROL
GRAND TOTAL		161	130.72	248	201.11	11.47		

Ownership

Idaho Department of Lands

Legal Description

T40N, R2E, S36, NE¼, NW¼

Meridian

Boise

PLOT SUMMARY								
INSTALLATION 254								
SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	34	7.87	340	78.73	6.37		
GF	1	27	3.14	270	31.42	4.46		
TOTAL	1	61	11.01	610	110.15	5.53	0.100	200 LB/ACRE NITROGEN
DF	2	18	4.86	180	48.56	6.91		
GF	2	12	1.42	120	14.24	4.49		
WC	2	5	1.35	50	13.54	6.90		
WL	2	3	0.60	30	6.01	5.93		
TOTAL	2	38	8.23	380	82.34	6.07	0.100	400 LB/ACRE NITROGEN
DF	3	39	6.88	390	68.80	5.51		
GF	3	17	1.77	170	17.68	4.26		
WC	3	2	0.38	20	3.81	5.16		
WL	3	2	0.20	20	1.98	4.25		
TOTAL	3	60	9.23	600	92.26	5.10	0.100	CONTROL
DF	4	30	7.05	300	70.47	6.45		
GF	4	4	0.30	40	3.03	3.66		
WC	4	1	0.09	10	0.87	3.99		
WL	4	1	0.12	10	1.15	4.60		
TOTAL	4	36	7.55	360	75.53	6.02	0.100	CONTROL
DF	5	21	7.51	210	75.13	7.92		
GF	5	9	1.15	90	11.50	4.53		
WC	5	5	1.24	50	12.36	6.35		
WL	5	1	0.33	10	3.30	7.78		
TOTAL	5	36	10.23	360	102.29	6.85	0.100	200 LB/ACRE NITROGEN
DF	6	22	5.38	220	53.75	6.45		
GF	6	14	1.85	140	18.47	4.64		
WC	6	7	2.12	70	21.19	6.89		
WL	6	2	0.20	20	1.98	4.09		
TOTAL	6	45	9.54	450	95.39	5.85	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		276	55.80	460	92.99	5.80		

Ownership
Idaho Department of Lands

Legal Description
T38N, R2E, S12, NE¼, SW¼

Meridian
Boise

PLOT SUMMARY								
INSTALLATION 255								
SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	71	15.67	710	156.66	5.97		
PP	1	8	2.29	80	22.90	6.82		
TOTAL	1	79	17.96	790	179.57	6.05	0.100	CONTROL
DF	2	75	18.58	750	185.78	6.36		
GF	2	5	0.57	50	5.74	4.36		
WL	2	1	0.39	10	3.89	8.44		
TOTAL	2	81	19.54	810	195.41	6.27	0.100	200 LB/ACRE NITROGEN
DF	3	57	15.76	570	157.57	6.85		
GF	3	5	0.66	50	6.59	4.74		
WL	3	5	1.08	50	10.84	6.11		
TOTAL	3	67	17.50	670	175.00	6.63	0.100	400 LB/ACRE NITROGEN
DF	4	61	17.50	610	175.01	6.81		
GF	4	3	0.67	30	6.71	5.92		
WL	4	2	0.81	20	8.06	7.71		
TOTAL	4	66	18.98	660	189.78	6.80	0.100	CONTROL
DF	5	56	13.86	560	138.55	6.37		
GF	5	2	0.10	20	1.02	3.06		
WL	5	7	1.13	70	11.34	5.32		
LP	5	3	0.51	30	5.07	5.49		
TOTAL	5	68	15.60	680	155.99	6.12	0.100	200 LB/ACRE NITROGEN
DF	6	48	13.30	480	132.96	6.67		
GF	6	1	0.84	10	8.36	12.38		
WL	6	9	2.22	90	22.20	6.24		
LP	6	2	0.50	20	5.04	6.62		
TOTAL	6	60	16.86	600	168.56	6.70	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		421	106.43	702	177.38	6.41		

Ownership
Inland Empire Paper Company

Legal Description
T53N, R5W, S2, NE¼, SW¼

Meridian
Boise

PLOT SUMMARY
INSTALLATION 256

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	43	11.82	430	118.17	6.40		
GF	1	13	3.41	130	34.08	6.37		
WL	1	1	1.18	10	11.77	14.69		
LP	1	3	2.00	30	19.98	11.04		
TOTAL	1	60	18.40	600	184.00	6.77	0.100	CONTROL
DF	2	30	8.80	300	87.95	6.93		
GF	2	17	4.74	170	47.36	6.50		
WL	2	5	2.03	50	20.29	8.57		
LP	2	2	0.60	20	6.03	7.26		
TOTAL	2	54	16.16	540	161.63	6.96	0.100	200 LB/ACRE NITROGEN
DF	3	29	10.50	290	104.97	7.76		
GF	3	26	4.50	260	45.03	5.14		
WC	3	1	2.28	10	22.83	20.46		
WL	3	4	0.75	40	7.51	5.62		
TOTAL	3	60	18.03	600	180.34	6.69	0.100	400 LB/ACRE NITROGEN
DF	4	36	14.45	360	144.51	7.50		
GF	4	13	4.09	130	40.87	6.44		
WL	4	2	1.36	20	13.63	11.17		
LP	4	1	0.12	10	1.24	4.76		
TOTAL	4	52	20.02	520	200.24	7.32	0.100	CONTROL
DF	5	49	12.86	490	128.58	6.32		
GF	5	15	1.66	150	16.58	4.19		
WL	5	1	0.45	10	4.49	9.07		
LP	5	5	3.73	50	37.32	11.56		
TOTAL	5	70	18.70	700	186.97	6.28	0.100	400 LB/ACRE NITROGEN
DF	6	18	6.26	180	62.57	7.51		
GF	6	20	3.35	200	33.49	4.98		
LP	6	7	4.35	70	43.47	10.37		
TOTAL	6	45	13.95	450	139.52	6.83	0.100	200 LB/ACRE NITROGEN
GRAND TOTAL		341	105.27	568	175.45	6.78		

Ownership
Inland Empire Paper Company

Legal Description
T46N, R1E, S31, NW¼, NE¼

Meridian
Boise

PLOT SUMMARY

INSTALLATION 257

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	17	17.60	170	176.01	12.71		
GF	1	1	1.71	10	17.13	17.72		
PP	1	1	0.43	10	4.27	8.85		
TOTAL	1	19	19.74	190	197.41	12.77	0.100	200 LB/ACRE NITROGEN
DF	2	17	19.64	170	196.43	13.69		
TOTAL	2	17	19.64	170	196.43	13.69	0.100	CONTROL
DF	3	15	16.49	150	164.92	13.86		
TOTAL	3	15	16.49	150	164.92	13.86	0.100	400 LB/ACRE NITROGEN
DF	4	10	18.24	100	182.35	17.89		
PP	4	1	2.14	10	21.40	19.81		
TOTAL	4	11	20.38	110	203.76	18.06	0.100	200 LB/ACRE NITROGEN
DF	5	11	15.98	110	159.76	16.08		
PP	5	10	2.80	100	28.04	7.07		
TOTAL	5	21	18.78	210	187.80	11.79	0.100	400 LB/ACRE NITROGEN
DF	6	11	15.22	73	101.45	15.40		
PP	6	3	1.07	20	7.12	7.82		
TOTAL	6	14	16.29	93	108.57	13.78	0.150	CONTROL
GRAND TOTAL		97	111.32	149	171.26	13.63		

Ownership
Boise Cascade Corporation

Legal Description
T4S, R41E, S28, NW¼

Meridian
Willamette

PLOT SUMMARY
INSTALLATION 258

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	16	16.98	160	169.76	13.29		
PP	1	1	0.42	10	4.23	8.81		
TOTAL	1	17	17.40	170	173.99	13.03	0.100	400 LB/ACRE NITROGEN
DF	2	11	14.35	110	143.46	15.37		
WL	2	1	0.55	10	5.51	10.05		
TOTAL	2	12	14.90	120	148.97	14.93	0.100	CONTROL
DF	3	13	16.81	130	168.06	14.77		
GF	3	1	0.40	10	3.97	8.53		
TOTAL	3	14	17.20	140	172.03	14.33	0.100	200 LB/ACRE NITROGEN
DF	4	17	19.14	170	191.43	13.95		
GF	4	1	0.45	10	4.54	9.12		
WL	4	3	3.41	30	34.15	14.44		
TOTAL	4	21	23.01	210	230.11	13.79	0.100	400 LB/ACRE NITROGEN
DF	5	18	14.04	180	140.36	11.27		
GF	5	1	0.65	10	6.54	10.95		
WL	5	2	1.23	20	12.27	10.58		
PP	5	3	1.85	30	18.46	10.25		
TOTAL	5	24	17.76	240	177.63	11.07	0.100	CONTROL
DF	6	20	15.90	200	158.98	11.17		
GF	6	2	1.32	20	13.23	9.85		
WL	6	2	1.14	20	11.44	9.96		
PP	6	1	0.48	10	4.84	9.42		
TOTAL	6	25	18.85	250	188.49	10.90	0.100	200 LB/ACRE NITROGEN
GRAND TOTAL		113	109.12	188	181.87	12.65		

Ownership
Boise Cascade Corporation

Legal Description
T3N, R40E, S23, NW¼

Meridian
Willamette

PLOT SUMMARY								
INSTALLATION 259								
SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	30	24.23	300	242.27	11.72		
TOTAL	1	30	24.23	300	242.27	11.72	0.100	400 LB/ACRE NITROGEN
DF	2	35	16.08	350	160.81	9.00		
TOTAL	2	35	16.08	350	160.81	9.00	0.100	200 LB/ACRE NITROGEN
DF	3	29	13.80	290	138.04	9.06		
PP	3	1	0.12	10	1.20	4.70		
TOTAL	3	30	13.92	300	139.24	8.92	0.100	CONTROL
DF	4	38	18.87	380	188.70	9.10		
PP	4	1	0.24	10	2.45	6.70		
TOTAL	4	39	19.11	390	191.15	9.04	0.100	200 LB/ACRE NITROGEN
DF	5	39	22.33	390	223.29	9.88		
TOTAL	5	39	22.33	390	223.29	9.88	0.100	400 LB/ACRE NITROGEN
DF	6	33	17.77	330	177.72	9.73		
TOTAL	6	33	17.77	330	177.72	9.73	0.100	CONTROL
GRAND TOTAL		206	113.45	343	189.08	9.68		

Ownership
Longview Fiber

Legal Description
T25N, R18E, S2, SW¼

Meridian
Willamette

PLOT SUMMARY
INSTALLATION 260

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	20	17.40	200	174.00	11.97		
GF	1	1	0.14	10	1.39	5.04		
PP	1	5	1.64	50	16.41	7.69		
TOTAL	1	26	19.18	260	191.79	10.88	0.100	200 LB/ACRE NITROGEN
DF	2	21	22.99	210	229.93	13.56		
GF	2	3	0.91	30	9.12	7.36		
TOTAL	2	24	23.91	240	239.05	12.78	0.100	CONTROL
DF	3	20	18.64	200	186.42	12.32		
GF	3	5	0.76	50	7.60	5.20		
PP	3	2	2.67	20	26.74	15.56		
TOTAL	3	27	22.08	270	220.76	11.25	0.100	400 LB/ACRE NITROGEN
DF	4	16	23.39	160	233.85	15.71		
GF	4	1	0.28	10	2.84	7.21		
TOTAL	4	17	23.67	170	236.69	15.21	0.100	CONTROL
DF	5	23	20.04	230	200.37	11.78		
TOTAL	5	23	20.04	230	200.37	11.78	0.100	200 LB/ACRE NITROGEN
DF	6	20	19.51	200	195.10	12.81		
GF	6	3	0.98	30	9.80	7.37		
PP	6	1	0.69	10	6.94	11.28		
TOTAL	6	24	21.18	240	211.84	12.07	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		141	130.05	235	216.75	12.15		

Ownership
Longview Fiber

Legal Description
T24N, R17E, S3, NE1/4

Meridian
Willamette

PLOT SUMMARY

INSTALLATION 261

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	24	9.65	240	96.49	8.34		
GF	1	4	1.09	40	10.92	6.80		
TOTAL	1	28	10.74	280	107.41	8.12	0.100	200 LB/ACRE NITROGEN
DF	2	29	21.12	290	211.18	11.28		
TOTAL	2	29	21.12	290	211.18	11.28	0.100	CONTROL
DF	3	23	11.99	230	119.89	9.54		
GF	3	2	0.68	20	6.82	7.29		
TOTAL	3	25	12.67	250	126.70	9.36	0.100	400 LB/ACRE NITROGEN
DF	4	19	9.31	190	93.10	9.26		
GF	4	8	3.31	80	33.09	8.54		
TOTAL	4	27	12.62	270	126.19	9.05	0.100	CONTROL
DF	5	17	8.98	170	89.78	9.54		
GF	5	10	3.78	100	37.78	8.12		
TOTAL	5	27	12.76	270	127.56	9.01	0.100	400 LB/ACRE NITROGEN
DF	6	24	16.21	240	162.09	10.81		
GF	6	3	1.89	30	18.94	10.64		
TOTAL	6	27	18.10	270	181.03	10.79	0.100	200 LB/ACRE NITROGEN
GRAND TOTAL		163	88.01	272	146.68	9.62		

Ownership

Longview Fiber

Legal Description

T26N, R18E, S22, N½, NW¼

Meridian

Willamette

PLOT SUMMARY
INSTALLATION 262

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	24	12.94	240	129.42	9.62		
GF	1	8	3.24	80	32.42	8.02		
WH	1	3	0.70	30	7.01	6.52		
TOTAL	1	35	16.88	350	168.85	8.99	0.100	200 LB/ACRE NITROGEN
DF	2	26	15.93	260	159.27	10.02		
GF	2	12	5.47	120	54.67	8.45		
WH	2	4	1.07	40	10.74	6.98		
TOTAL	2	42	22.47	420	224.68	9.29	0.100	400 LB/ACRE NITROGEN
DF	3	25	13.56	250	135.61	9.59		
GF	3	9	3.56	90	35.58	8.13		
WH	3	1	0.20	10	1.96	5.99		
TOTAL	3	35	17.31	350	173.14	9.11	0.100	CONTROL
DF	4	17	11.84	170	118.39	10.66		
GF	4	19	12.88	190	128.79	10.46		
TOTAL	4	36	24.72	360	247.18	10.56	0.100	200 LB/ACRE NITROGEN
DF	5	19	11.45	190	114.48	10.21		
GF	5	18	8.83	180	88.34	8.57		
WC	5	1	0.20	10	2.00	6.05		
WH	5	3	1.25	30	12.48	8.69		
TOTAL	5	41	21.73	410	217.30	9.28	0.100	400 LB/ACRE NITROGEN
DF	6	18	17.48	180	174.76	13.20		
GF	6	12	4.32	120	43.23	7.68		
WH	6	5	1.46	50	14.57	7.05		
TOTAL	6	35	23.26	350	232.55	10.43	0.100	CONTROL
GRAND TOTAL		224	126.37	373	210.62	9.59		

Ownership
Longview Fiber

Legal Description
T26N, R15E, S3, SW $\frac{1}{4}$, SW $\frac{1}{4}$

Meridian
Willamette

PLOT SUMMARY
INSTALLATION 263

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	15	8.85	150	88.54	10.14		
GF	1	1	1.83	10	18.34	18.34		
PP	1	5	2.13	50	21.33	8.61		
TOTAL	1	21	12.82	210	128.21	10.17	0.100	CONTROL
DF	2	16	11.05	160	110.51	11.13		
PP	2	4	1.91	40	19.11	8.70		
TOTAL	2	20	12.96	200	129.62	10.65	0.100	200 LB/ACRE NITROGEN
DF	3	15	11.86	150	118.57	11.67		
PP	3	3	2.01	30	20.14	11.07		
TOTAL	3	18	13.87	180	138.72	11.57	0.100	400 LB/ACRE NITROGEN
DF	4	21	17.94	210	179.42	12.40		
GF	4	1	0.80	10	7.96	12.08		
PP	4	4	2.22	40	22.16	9.44		
TOTAL	4	26	20.95	260	209.54	11.93	0.100	200 LB/ACRE NITROGEN
DF	5	22	19.32	220	193.21	12.55		
TOTAL	5	22	19.32	220	193.21	12.55	0.100	CONTROL
DF	6	16	11.61	160	116.08	11.40		
PP	6	1	1.36	10	13.62	15.80		
TOTAL	6	17	12.97	170	129.70	11.66	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		124	92.90	207	154.83	11.45		

Ownership
Washington Department of
Natural Resources

Legal Description
T21N, R16E, S20, SW¼

Meridian
Willamette

PLOT SUMMARY
INSTALLATION 264

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	16	13.22	160	132.23	11.89		
GF	1	18	5.81	180	58.08	7.20		
HL	1	2	1.47	20	14.70	11.34		
ES	1	1	0.17	10	1.67	5.54		
TOTAL	1	37	20.67	370	206.68	9.41	0.100	200 LB/ACRE NITROGEN
DF	2	34	16.39	340	163.94	8.96		
GF	2	8	2.78	80	27.78	7.85		
WC	2	1	0.06	10	0.57	3.24		
WL	2	4	2.21	40	22.13	9.72		
ES	2	3	0.40	30	4.03	4.82		
TOTAL	2	50	21.85	500	218.45	8.48	0.100	CONTROL
DF	3	28	14.29	280	142.90	9.05		
GF	3	29	6.15	290	61.53	5.96		
HL	3	10	5.14	100	51.38	9.49		
ES	3	1	0.09	10	0.93	4.13		
TOTAL	3	68	25.67	680	256.73	7.73	0.100	400 LB/ACRE NITROGEN
DF	4	17	15.65	170	156.45	12.33		
GF	4	16	6.82	160	68.15	8.11		
WL	4	2	1.30	20	13.02	10.52		
TOTAL	4	35	23.76	350	237.62	10.30	0.100	200 LB/ACRE NITROGEN
DF	5	17	18.12	170	181.16	13.67		
GF	5	17	5.93	170	59.31	7.52		
WL	5	2	2.12	20	21.20	13.94		
TOTAL	5	36	26.17	360	261.68	10.78	0.100	CONTROL
DF	6	15	15.55	150	155.54	13.48		
GF	6	16	5.68	160	56.81	7.48		
WL	6	7	3.04	70	30.40	8.50		
TOTAL	6	38	24.27	380	242.75	10.04	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		264	142.39	440	237.32	9.19		

Ownership
Potlatch Corporation

Legal Description
T44N, R1E, S11, SE¼, NW¼

Meridian
Boise

PLOT SUMMARY

INSTALLATION 265

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	23	11.79	230	117.92	9.49		
GF	1	1	0.21	10	2.12	6.23		
WC	1	2	1.09	20	10.94	9.82		
TOTAL	1	26	13.10	260	130.97	9.35	0.100	400 LB/ACRE NITROGEN
DF	2	23	10.71	230	107.08	8.88		
GF	2	6	1.15	60	11.46	5.62		
WC	2	1	0.20	10	2.05	6.13		
WL	2	2	0.62	20	6.22	7.55		
WP	2	1	0.30	10	2.99	7.40		
TOTAL	2	33	12.98	330	129.79	8.08	0.100	200 LB/ACRE NITROGEN
DF	3	30	15.89	300	158.92	9.54		
GF	3	2	0.16	20	1.57	3.74		
WL	3	1	0.37	10	3.75	8.29		
WP	3	1	0.27	10	2.71	7.05		
TOTAL	3	34	16.69	340	166.94	9.08	0.100	CONTROL
DF	4	23	7.88	230	78.80	7.78		
GF	4	8	1.52	80	15.18	5.67		
WP	4	1	0.10	10	0.96	4.19		
TOTAL	4	32	9.49	320	94.94	7.14	0.100	CONTROL
DF	5	17	9.89	170	98.93	10.10		
GF	5	12	1.86	120	18.63	5.13		
WP	5	3	1.29	30	12.93	8.64		
TOTAL	5	32	13.05	320	130.48	8.10	0.100	200 LB/ACRE NITROGEN
DF	6	31	11.54	310	115.37	7.96		
GF	6	4	0.62	40	6.19	5.04		
TOTAL	6	35	12.16	350	121.57	7.62	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		192	77.47	320	129.12	8.20		

Ownership
Potlatch Corporation

Legal Description
T41N, R2E, S18, SW¼

Meridian
Boise

PLOT SUMMARY
INSTALLATION 266

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	23	13.27	230	132.69	9.94		
TOTAL	1	23	13.27	230	132.69	9.94	0.100	400 LB/ACRE NITROGEN
DF	2	26	11.07	260	110.66	8.54		
TOTAL	2	26	11.07	260	110.66	8.54	0.100	CONTROL
DF	3	26	12.03	260	120.27	8.75		
WL	3	1	0.52	10	5.20	9.76		
LP	3	2	0.68	20	6.78	7.83		
TOTAL	3	29	13.22	290	132.24	8.73	0.100	200 LB/ACRE NITROGEN
DF	4	21	9.41	210	94.13	8.85		
WL	4	1	0.34	10	3.36	7.85		
TOTAL	4	22	9.75	220	97.49	8.81	0.100	CONTROL
DF	5	25	13.68	250	136.77	9.62		
TOTAL	5	25	13.68	250	136.77	9.62	0.100	400 LB/ACRE NITROGEN
DF	6	21	11.75	210	117.49	9.92		
PP	6	1	0.31	10	3.08	7.52		
TOTAL	6	22	12.06	220	120.58	9.81	0.100	200 LB/ACRE NITROGEN
GRAND TOTAL		147	73.04	245	121.74	9.21		

Ownership
Washington Department of
Natural Resources

Legal Description
T36N, R39E, S16, NW¼

Meridian
Willomette

PLOT SUMMARY
INSTALLATION 267

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	25	15.78	250	157.82	10.56		
TOTAL	1	25	15.78	250	157.82	10.56	0.100	400 LB/ACRE NITROGEN
DF	2	20	12.45	200	124.53	9.97		
TOTAL	2	20	12.45	200	124.53	9.97	0.100	CONTROL
DF	3	19	10.85	190	108.46	9.48		
LP	3	1	0.16	10	1.61	5.44		
TOTAL	3	20	11.01	200	110.07	9.28	0.100	200 LB/ACRE NITROGEN
DF	4	22	12.03	220	120.32	9.64		
TOTAL	4	22	12.03	220	120.32	9.64	0.100	400 LB/ACRE NITROGEN
DF	5	21	10.71	210	107.07	9.38		
TOTAL	5	21	10.71	210	107.07	9.38	0.100	CONTROL
DF	6	19	8.82	190	88.18	9.08		
TOTAL	6	19	8.82	190	88.18	9.08	0.100	200 LB/ACRE NITROGEN
GRAND TOTAL		127	70.80	212	118.00	9.69		

Ownership
Washington Department of
Natural Resources

Legal Description
T36N, R39E, S16, NW¼

Meridian
Willamette

PLOT SUMMARY
INSTALLATION 268

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	37	18.11	370	181.13	9.24		
TOTAL	1	37	18.11	370	181.13	9.24	0.100	200 LB/ACRE NITROGEN
DF	2	31	14.56	310	145.62	8.89		
TOTAL	2	31	14.56	310	145.62	8.89	0.100	CONTROL
DF	3	32	19.41	320	194.12	9.79		
GF	3	1	0.07	10	0.68	3.54		
PP	3	1	0.39	10	3.88	8.43		
TOTAL	3	34	19.87	340	198.68	9.56	0.100	400 LB/ACRE NITROGEN
DF	4	22	17.79	220	177.93	11.54		
GF	4	6	0.97	60	9.67	5.36		
TOTAL	4	28	18.76	280	187.60	10.21	0.100	400 LB/ACRE NITROGEN
DF	5	32	18.78	320	187.77	9.73		
GF	5	8	1.39	80	13.92	5.45		
WL	5	1	0.30	10	2.95	7.36		
ES	5	3	1.21	30	12.07	8.53		
TOTAL	5	44	21.67	440	216.71	8.81	0.100	200 LB/ACRE NITROGEN
DF	6	36	18.15	360	181.49	9.00		
WC	6	4	0.99	40	9.92	6.40		
ES	6	1	0.19	10	1.87	5.85		
TOTAL	6	41	19.33	410	193.28	8.67	0.100	CONTROL
GRAND TOTAL		215	112.30	358	187.17	9.17		

Ownership
Inland Empire Paper Company

Legal Description
T40N, R39E, S8, NE $\frac{1}{4}$, SE $\frac{1}{4}$

Meridian
Willamette

PLOT SUMMARY
INSTALLATION 269

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	26	12.51	260	125.06	9.08		
WL	1	3	0.66	30	6.61	6.24		
LP	1	3	1.56	30	15.55	9.53		
TOTAL	1	32	14.72	320	147.22	8.85	0.100	CONTROL
DF	2	25	12.16	250	121.62	9.01		
WL	2	1	0.12	10	1.25	4.78		
LP	2	1	0.77	10	7.72	11.90		
TOTAL	2	27	13.06	270	130.59	8.96	0.100	200 LB/ACRE NITROGEN
DF	3	31	13.95	310	139.46	8.59		
WL	3	5	0.53	50	5.35	4.33		
ES	3	1	0.29	10	2.88	7.27		
TOTAL	3	37	14.77	370	147.69	7.98	0.100	400 LB/ACRE NITROGEN
DF	4	28	12.97	280	129.66	8.59		
LP	4	1	0.46	10	4.56	9.14		
TOTAL	4	29	13.42	290	134.21	8.61	0.100	200 LB/ACRE NITROGEN
DF	5	31	15.22	310	152.23	9.27		
LP	5	4	0.52	40	5.18	4.80		
TOTAL	5	35	15.74	350	157.41	8.76	0.100	400 LB/ACRE NITROGEN
DF	6	24	14.90	240	148.97	10.25		
WL	6	3	0.72	30	7.23	6.49		
LP	6	1	0.42	10	4.21	8.79		
TOTAL	6	28	16.04	280	160.42	9.79	0.100	CONTROL
GRAND TOTAL		188	87.75	313	146.26	8.78		

Ownership
Champion Timberlands

Legal Description
T15N, R16W, S27, W $\frac{1}{2}$

Meridian
Principal

PLOT SUMMARY
INSTALLATION 270

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	16	12.34	160	123.38	11.21		
PP	1	1	0.12	10	1.19	4.67		
TOTAL	1	17	12.46	170	124.57	10.83	0.100	400 LB/ACRE NITROGEN
DF	2	23	10.61	230	106.13	8.58		
PP	2	5	2.83	50	28.31	9.95		
TOTAL	2	28	13.44	280	134.44	8.83	0.100	200 LB/ACRE NITROGEN
DF	3	19	8.28	190	82.79	8.15		
WL	3	2	0.27	20	2.68	4.93		
LP	3	3	1.62	30	16.17	9.88		
PP	3	2	0.93	20	9.34	9.17		
TOTAL	3	26	11.10	260	110.99	8.18	0.100	CCNTROL
DF	4	21	10.00	210	100.02	8.92		
PP	4	2	0.42	20	4.24	6.15		
TOTAL	4	23	10.43	230	104.27	8.68	0.100	CCNTROL
DF	5	22	12.53	220	125.27	9.83		
PP	5	2	0.72	20	7.15	8.09		
TOTAL	5	24	13.24	240	132.42	9.68	0.100	200 LB/ACRE NITROGEN
DF	6	25	12.41	250	124.10	8.96		
PP	6	3	1.53	30	15.32	9.64		
TOTAL	6	28	13.94	280	139.43	9.03	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		146	74.61	243	124.35	9.10		

Ownership
Champion Timberlands

Legal Description
T12N, R23W, S19, SE1/4

Meridian
Principal

PLOT SUMMARY

INSTALLATION 271

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	21	9.22	210.	92.22	8.52	0.100	400 LB/ACRE NITROGEN
HL	1	7	3.69	70	36.94	9.55		
LP	1	1	0.12	10	1.15	4.60		
PP	1	5	2.77	50	27.69	9.97		
ES	1	1	0.05	10	0.49	3.00		
TOTAL	1	35	15.85	350	158.50	8.67	0.100	400 LB/ACRE NITROGEN
DF	2	23	10.47	230	104.72	8.85	0.100	200 LB/ACRE NITROGEN
HL	2	3	0.84	30	8.39	7.13		
LP	2	3	1.25	30	12.52	8.65		
PP	2	2	1.54	20	15.40	11.76		
ES	2	3	0.78	30	7.83	6.67		
TOTAL	2	34	14.89	340	148.87	8.66	0.100	200 LB/ACRE NITROGEN
DF	3	27	7.81	270	78.05	6.85	0.100	CONTROL
HL	3	12	5.13	120	51.35	8.66		
LP	3	7	2.50	70	24.98	7.82		
PP	3	7	1.94	70	19.36	6.93		
TOTAL	3	53	17.37	530	173.74	7.40	0.100	CONTROL
DF	4	16	8.31	160	83.09	9.42	0.100	400 LB/ACRE NITROGEN
HL	4	3	0.97	30	9.72	6.76		
LP	4	4	1.11	40	11.06	7.04		
PP	4	7	2.61	70	26.15	8.00		
TOTAL	4	30	13.00	300	130.02	8.51	0.100	400 LB/ACRE NITROGEN
DF	5	21	8.40	210	83.98	8.27	0.100	200 LB/ACRE NITROGEN
HL	5	8	1.68	80	16.78	6.07		
LP	5	14	3.69	140	36.95	6.80		
PP	5	11	3.63	110	36.31	7.51		
TOTAL	5	54	17.40	540	174.02	7.41	0.100	200 LB/ACRE NITROGEN
DF	6	25	9.03	250	90.34	7.83	0.100	CONTROL
HL	6	4	0.88	40	8.79	6.22		
LP	6	7	1.67	70	16.70	6.52		
PP	6	8	3.33	80	33.31	8.41		
TOTAL	6	44	14.91	440	149.13	7.58	0.100	CONTROL
GRAND TOTAL		250	93.43	417	155.71	7.92		

Ownership
 Champion Timberlands
 Legal Description
 T25N, R27W, S7, NW¼, NW¼
 Meridian
 Principal

PLOT SUMMARY

INSTALLATION 272

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	58	11.98	580	119.77	5.83		
GF	1	2	0.23	20	2.26	4.37		
WL	1	5	1.36	50	13.56	6.79		
LP	1	3	0.71	30	7.14	6.60		
ES	1	1	0.05	10	0.50	3.03		
TOTAL	1	69	14.32	690	143.22	5.85	0.100	CONTROL
DF	2	50	10.35	500	103.45	5.88		
WL	2	7	1.95	70	19.54	7.01		
LP	2	7	1.53	70	15.29	6.13		
TOTAL	2	64	13.83	640	138.28	6.03	0.100	200 LB/ACRE NITROGEN
DF	3	42	9.35	420	93.54	6.09		
GF	3	2	0.16	20	1.57	3.75		
WL	3	6	1.46	60	14.57	6.38		
LP	3	3	0.67	30	6.67	6.32		
PP	3	2	0.39	20	3.94	5.95		
ES	3	1	0.20	10	2.00	6.05		
TOTAL	3	56	12.23	560	122.29	6.04	0.100	400 LB/ACRE NITROGEN
DF	4	43	10.87	430	108.68	6.44		
WL	4	5	0.91	50	9.09	5.62		
LP	4	3	0.90	30	9.04	7.22		
PP	4	1	0.17	10	1.68	5.55		
ES	4	1	0.12	10	1.24	4.77		
TOTAL	4	53	12.97	530	129.72	6.36	0.100	400 LB/ACRE NITROGEN
DF	5	44	9.21	440	92.06	5.91		
GF	5	2	0.13	20	1.35	3.44		
WL	5	2	0.23	20	2.27	4.51		
LP	5	16	3.36	160	33.60	6.10		
TOTAL	5	64	12.93	640	129.28	5.84	0.100	200 LB/ACRE NITROGEN
DF	6	43	10.34	430	103.39	6.27		
GF	6	1	0.23	10	2.28	6.47		
WL	6	4	0.58	40	5.80	5.07		
LP	6	13	3.22	130	32.21	6.56		
ES	6	1	0.12	10	1.16	4.61		
TOTAL	6	62	14.48	620	144.84	6.23	0.100	CONTROL
GRAND TOTAL		368	80.76	613	134.61	6.05		

Ownership

Champion Timberlands

Legal Description

T25N, R27W, S5, SW¼

Meridian

Principal

PLOT SUMMARY
INSTALLATION 273

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	25	8.41	250	84.08	7.71		
GF	1	12	2.72	120	27.17	6.33		
WC	1	5	1.66	50	16.59	7.56		
TOTAL	1	42	12.78	420	127.84	7.30	0.100	200 LB/ACRE NITROGEN
DF	2	29	10.72	290	107.22	7.98		
GF	2	11	2.79	110	27.86	6.65		
WC	2	2	0.90	20	9.01	9.09		
TOTAL	2	42	14.41	420	144.10	7.68	0.100	CCNTROL
DF	3	37	10.44	370	104.37	7.10		
GF	3	11	2.26	110	22.59	6.12		
WC	3	7	1.74	70	17.41	6.70		
WL	3	2	1.52	20	15.17	10.86		
TOTAL	3	57	15.95	570	159.55	6.99	0.100	400 LB/ACRE NITROGEN
DF	4	33	13.07	330	130.73	8.35		
GF	4	2	0.48	20	4.76	6.46		
WC	4	2	0.58	20	5.80	7.28		
WL	4	3	3.74	30	37.40	14.08		
TOTAL	4	40	17.87	400	178.70	8.63	0.100	200 LB/ACRE NITROGEN
DF	5	25	11.18	250	111.85	8.78		
GF	5	5	1.44	50	14.38	7.20		
WC	5	3	1.46	30	14.61	9.11		
WL	5	2	0.55	20	5.48	6.98		
TOTAL	5	35	14.63	350	146.32	8.48	0.100	CONTROL
DF	6	23	9.68	230	96.81	8.69		
GF	6	1	0.32	10	3.17	7.62		
WC	6	2	0.87	20	8.74	8.91		
WL	6	6	1.23	60	12.25	5.98		
TOTAL	6	32	12.10	320	120.96	8.16	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		248	87.75	413	146.24	7.79		

Ownership
Potlatch Corporation

Legal Description
T37N, R5E, S1, E1, SW1/4

Meridian
Boise

PLOT SUMMARY
INSTALLATION 274

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	12	14.13	120	141.33	14.12		
TOTAL	1	12	14.13	120	141.33	14.12	0.100	200 LB/ACRE NITROGEN
DF	2	12	10.81	120	108.07	12.33		
WL	2	1	1.31	10	13.14	15.52		
TOTAL	2	13	12.12	130	121.21	12.57	0.100	CONTROL
DF	3	16	14.25	160	142.55	12.03		
TOTAL	3	16	14.25	160	142.55	12.03	0.100	400 LB/ACRE NITROGEN
DF	4	16	11.88	160	118.79	11.46		
GF	4	1	0.31	10	3.12	7.56		
WL	4	2	0.41	20	4.08	6.08		
TOTAL	4	19	12.60	190	125.98	10.69	0.100	200 LB/ACRE NITROGEN
DF	5	20	12.84	200	128.43	10.44		
LP	5	2	0.34	20	3.36	5.54		
TOTAL	5	22	13.18	220	131.79	10.00	0.100	400 LB/ACRE NITROGEN
DF	6	18	13.39	180	133.95	11.31		
WL	6	1	0.34	10	3.45	7.95		
TOTAL	6	19	13.74	190	137.40	11.14	0.100	CONTROL
GRAND TOTAL		101	80.03	168	133.38	11.49		

Ownership
Idaho Department of Lands

Legal Description
T54N, R2W, S16, NW¼, SE¼

Meridian
Boise

PLOT SUMMARY									
INSTALLATION 275									
SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT	
DF	1	26	15.05	260	150.51	9.65			
WL	1	1	0.10	10	0.97	4.22			
PP	1	2	0.98	20	9.80	9.22			
TOTAL	1	29	16.13	290	161.27	9.44	0.100	400 LB/ACRE NITROGEN	
DF	2	38	20.39	380	203.94	9.32			
TOTAL	2	38	20.39	380	203.94	9.32	0.100	200 LB/ACRE NITROGEN	
DF	3	31	19.81	310	198.10	10.17			
TOTAL	3	31	19.81	310	198.10	10.17	0.100	CONTROL	
DF	4	27	16.52	270	165.17	10.18			
WL	4	1	0.35	10	3.53	8.04			
PP	4	1	0.21	10	2.06	6.15			
TOTAL	4	29	17.08	290	170.76	9.97	0.100	200 LB/ACRE NITROGEN	
DF	5	34	14.62	340	146.17	8.44			
TOTAL	5	34	14.62	340	146.17	8.44	0.100	400 LB/ACRE NITROGEN	
DF	6	30	14.04	300	140.38	8.67			
PP	6	2	1.77	20	17.73	12.57			
TOTAL	6	32	15.81	320	158.11	9.10	0.100	CONTROL	
GRAND TOTAL		193	103.83	322	173.06	9.38			

Ownership
 Idaho Department of Lands

Legal Description
 T63N, R1E, S36, E4, NW4

Meridian
 Boise

PLOT SUMMARY
INSTALLATION 276

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	23	14.24	230	142.44	10.50		
PP	1	2	0.93	20	9.31	9.23		
TOTAL	1	25	15.17	250	151.74	10.40	0.100	400 LB/ACRE NITROGEN
DF	2	23	13.69	230	136.90	10.14		
PP	2	7	2.80	70	27.98	8.25		
TOTAL	2	30	16.49	300	164.88	9.70	0.100	200 LB/ACRE NITROGEN
DF	3	23	13.31	230	133.09	10.01		
PP	3	2	1.19	20	11.90	10.44		
TOTAL	3	25	14.50	250	145.00	10.04	0.100	CONTROL
DF	4	16	12.99	160	129.88	11.80		
PP	4	4	2.29	40	22.92	9.82		
TOTAL	4	20	15.28	200	152.80	11.41	0.100	CONTROL
DF	5	16	10.56	160	105.62	10.53		
PP	5	5	3.34	50	33.35	10.68		
TOTAL	5	21	13.90	210	138.97	10.57	0.100	200 LB/ACRE NITROGEN
DF	6	21	11.77	210	117.66	9.88		
PP	6	2	1.78	20	17.75	12.72		
TOTAL	6	23	13.54	230	135.41	10.13	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		144	88.88	240	148.13	10.31		

Ownership
Boise Cascade Corporation

Legal Description
T19N, R1E, S34, W3, NE4

Meridian
Boise

PLOT SUMMARY
INSTALLATION 277

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	RA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	20	12.77	200	127.74	10.73		
PP	1	9	5.39	90	53.94	10.35		
TOTAL	1	29	18.17	290	181.68	10.61	0.100	200 LB/ACRE NITROGEN
DF	2	19	12.04	190	120.43	10.67		
PP	2	7	3.79	70	37.90	9.85		
TOTAL	2	26	15.83	260	158.33	10.46	0.100	400 LB/ACRE NITROGEN
DF	3	25	15.08	250	150.80	10.37		
PP	3	5	3.06	50	30.57	10.51		
TOTAL	3	30	18.14	300	181.37	10.39	0.100	CONTROL
DF	4	13	6.05	130	60.48	9.17		
PP	4	6	3.67	60	36.66	10.46		
TOTAL	4	19	9.71	190	97.15	9.58	0.100	CONTROL
DF	5	16	9.09	160	90.89	10.14		
PP	5	5	2.23	50	22.29	8.84		
TOTAL	5	21	11.32	210	113.18	9.83	0.100	400 LB/ACRE NITROGEN
DF	6	14	8.25	140	82.54	10.15		
PP	6	2	0.92	20	9.19	9.14		
TOTAL	6	16	9.17	160	91.73	10.02	0.100	200 LB/ACRE NITROGEN
GRAND TOTAL		141	82.34	235	137.24	10.21		

Ownership
Boise Cascade Corporation

Legal Description
T20N, R1E, S34, SW $\frac{1}{4}$, SW $\frac{1}{4}$

Meridian
Boise

PLOT SUMMARY

INSTALLATION 278

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	17	8.97	170	89.71	9.48		
PP	1	1	0.34	10	3.45	7.95		
TOTAL	1	18	9.32	180	93.16	9.40	0.100	400 LB/ACRE NITROGEN
DF	2	12	6.86	120	68.57	9.95		
PP	2	5	2.35	50	23.51	8.70		
TOTAL	2	17	9.21	170	92.08	9.58	0.100	CCNTROL
DF	3	13	6.82	130	68.24	9.56		
PP	3	1	1.51	10	15.07	16.62		
TOTAL	3	14	8.33	140	83.30	10.09	0.100	200 LB/ACRE NITROGEN
DF	4	17	9.29	170	92.85	9.61		
PP	4	2	1.03	20	10.27	9.69		
TOTAL	4	19	10.31	190	103.12	9.62	0.100	CCNTROL
DF	5	20	11.96	200	119.63	10.03		
TOTAL	5	20	11.96	200	119.63	10.03	0.100	200 LB/ACRE NITROGEN
DF	6	20	12.14	200	121.44	10.25		
PP	6	1	0.47	10	4.72	9.30		
TOTAL	6	21	12.62	210	126.15	10.24	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		109	61.74	182	102.91	9.83		

Ownership

Boise Cascade Corporation

Legal Description

T7N, R5E, S19, NE¼, SW¼

Meridian

Boise

PLOT SUMMARY

INSTALLATION 279

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	16	12.21	160	122.14	11.49		
PP	1	2	0.73	20	7.30	8.07	.	
TOTAL	1	18	12.94	180	129.44	11.11	0.100	CONTROL
DF	2	13	11.62	130	116.20	12.38		
PP	2	2	0.64	20	6.41	7.65		
TOTAL	2	15	12.26	150	122.61	11.75	0.100	200 LB/ACRE NITROGEN
DF	3	15	8.54	150	85.37	10.03		
PP	3	8	3.32	80	33.19	8.60		
TOTAL	3	23	11.86	230	118.56	9.53	0.100	400 LB/ACRE NITROGEN
DF	4	19	12.36	190	123.61	10.57		
PP	4	8	5.82	80	58.21	11.36		
TOTAL	4	27	18.18	270	181.82	10.80	0.100	400 LB/ACRE NITROGEN
DF	5	17	11.72	170	117.21	10.98		
PP	5	4	3.92	40	39.23	12.80		
TOTAL	5	21	15.64	210	156.44	11.33	0.100	CONTROL
DF	6	18	12.81	180	128.13	11.11		
PP	6	6	2.64	60	26.44	8.88		
TOTAL	6	24	15.46	240	154.58	10.55	0.100	200 LB/ACRE NITROGEN
GRAND TOTAL		128	86.34	213	143.91	10.77		

Ownership
Boise Cascade Corporation

Legal Description
T7N, R5E, S28, E1/2, SE1/4

Meridian
Boise

PLOT SUMMARY

INSTALLATION 280

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	15	8.37	150	83.73	10.00	0.100	CONTROL
PP	1	4	2.60	40	25.97	10.62		
TOTAL	1	19	10.97	190	109.70	10.13		
DF	2	13	8.83	130	88.26	10.86	0.100	200 LB/ACRE NITROGEN
PP	2	4	1.75	40	17.52	8.90		
TOTAL	2	17	10.58	170	105.78	10.40		
DF	3	18	10.68	180	106.81	10.14	0.100	400 LB/ACRE NITROGEN
PP	3	6	3.09	60	30.86	9.63		
TOTAL	3	24	13.77	240	137.66	10.01		
DF	4	19	8.13	190	81.28	8.57	0.100	200 LB/ACRE NITROGEN
PP	4	5	3.12	50	31.24	10.36		
TOTAL	4	24	11.25	240	112.52	8.95		
DF	5	23	8.30	230	82.99	7.81	0.100	400 LB/ACRE NITROGEN
PP	5	9	5.75	90	57.53	10.15		
TOTAL	5	32	14.05	320	140.51	8.47		
DF	6	18	11.61	180	116.07	10.59	0.100	CONTROL
PP	6	5	4.84	50	48.36	13.26		
TOTAL	6	23	16.44	230	164.43	11.17		
GRAND TOTAL		139	77.06	232	128.43	9.73		

Ownership

Boise Cascade Corporation

Legal Description

T7N, R5E, S2, SE¼, SE¼

Meridian

Boise

PLOT SUMMARY
INSTALLATION 281

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	30	17.22	300	172.21	9.67		
GF	1	13	2.12	130	21.20	5.28		
WC	1	3	0.69	30	6.89	6.10		
LP	1	1	0.77	10	7.66	11.85		
TOTAL	1	47	20.80	470	207.96	8.27	0.100	CONTROL
DF	2	31	16.70	310	167.03	9.20		
GF	2	6	0.90	60	8.97	5.17		
WC	2	2	0.19	20	1.88	4.14		
LP	2	1	0.54	10	5.37	9.92		
TOTAL	2	40	18.33	400	183.25	8.36	0.100	200 LB/ACRE NITROGEN
DF	3	28	18.81	280	188.06	10.26		
GF	3	4	0.57	40	5.73	4.86		
TOTAL	3	32	19.38	320	193.79	9.58	0.100	400 LB/ACRE NITROGEN
DF	4	56	22.39	560	223.94	8.31		
TOTAL	4	56	22.39	560	223.94	8.31	0.100	200 LB/ACRE NITROGEN
DF	5	41	20.45	410	204.45	9.12		
GF	5	6	1.03	60	10.33	5.50		
WH	5	2	0.45	20	4.47	6.34		
WL	5	2	0.90	20	9.00	9.02		
TOTAL	5	51	22.82	510	228.24	8.58	0.100	400 LB/ACRE NITROGEN
DF	6	48	17.74	480	177.42	7.73		
GF	6	4	0.43	40	4.32	4.39		
WL	6	9	2.52	90	25.19	6.86		
TOTAL	6	61	20.69	610	206.93	7.38	0.100	CONTROL
GRAND TOTAL		287	124.41	478	207.35	8.30		

Ownership
Potlatch Corporation

Legal Description
T46N, R1E, S32, NW¼, NW¼

Meridian
Boise

PLOT SUMMARY

INSTALLATION 282

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	22	9.57	220	95.75	8.75		
WL	1	1	0.26	10	2.56	6.85		
PP	1	2	0.60	20	5.97	7.38		
TOTAL	1	25	10.43	250	104.28	8.57	0.100	400 LB/ACRE NITROGEN
DF	2	25	8.45	250	84.48	7.67		
WL	2	4	0.64	40	6.40	5.36		
PP	2	2	0.66	20	6.60	7.35		
TOTAL	2	31	9.75	310	97.49	7.35	0.100	200 LB/ACRE NITROGEN
DF	3	28	9.79	280	97.89	7.89		
PP	3	3	0.68	30	6.81	6.38		
TOTAL	3	31	10.47	310	104.70	7.74	0.100	CONTROL
DF	4	25	7.84	250	78.40	7.38		
WL	4	1	0.47	10	4.66	9.24		
PP	4	1	0.33	10	3.28	7.75		
TOTAL	4	27	8.63	270	86.34	7.46	0.100	200 LB/ACRE NITROGEN
DF	5	27	9.71	270	97.13	7.98		
WL	5	3	0.87	30	8.67	7.26		
PP	5	2	0.71	20	7.05	8.02		
TOTAL	5	32	11.29	320	112.85	7.91	0.100	CONTROL
DF	6	37	9.18	370	91.84	6.55		
WL	6	5	2.12	50	21.19	8.44		
TOTAL	6	42	11.30	420	113.04	6.78	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		188	61.87	313	103.12	7.56		

Ownership
Washington Department of
Natural Resources

Legal Description
T33N, R24E, S15, SE4

Meridian
Willamette

PLOT SUMMARY
INSTALLATION 283

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	25	8.36	250	83.56	7.47	0.100	CONTROL
LP	1	3	1.46	30	14.60	9.39		
TOTAL	1	28	9.82	280	98.16	7.67		
DF	2	26	8.22	260	82.15	7.45	0.100	400 LB/ACRE NITROGEN
WL	2	2	0.82	20	8.15	8.64		
TOTAL	2	28	9.03	280	90.30	7.54		
DF	3	22	7.44	220	74.42	7.58	0.100	200 LB/ACRE NITROGEN
WL	3	2	1.06	20	10.63	9.83		
LP	3	3	1.54	30	15.42	9.55		
TOTAL	3	27	10.05	270	100.47	7.96		
DF	4	29	10.05	290	100.53	7.80	0.100	CONTROL
LP	4	1	0.53	10	5.29	9.85		
TOTAL	4	30	10.58	300	105.82	7.86		
DF	5	27	8.49	270	84.88	7.43	0.100	400 LB/ACRE NITROGEN
WL	5	1	0.83	10	8.32	12.35		
PP	5	1	0.13	10	1.32	4.92		
TOTAL	5	29	9.45	290	94.52	7.52		
DF	6	26	9.33	260	93.30	7.82	0.100	200 LB/ACRE NITROGEN
PP	6	2	0.32	20	3.21	5.19		
TOTAL	6	28	9.65	280	96.51	7.63		
GRAND TOTAL		170	58.58	283	97.63	7.70		

Ownership
Washington Department of
Natural Resources

Legal Description
T33N, R24E, S4, S $\frac{1}{2}$, S $\frac{1}{2}$

Meridian
Willamette

PLOT SUMMARY

INSTALLATION 284

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	14	18.66	140	186.57	15.38		
TOTAL	1	14	18.66	140	186.57	15.38	0.100	400 LB/ACRE NITROGEN
DF	2	14	14.01	140	140.11	13.02		
PP	2	1	0.98	10	9.76	13.38		
TOTAL	2	15	14.99	150	149.88	13.05	0.100	200 LB/ACRE NITROGEN
DF	3	14	17.62	140	176.19	14.62		
PP	3	1	0.42	10	4.20	8.78		
TOTAL	3	15	18.04	150	180.40	14.23	0.100	CONTROL
DF	4	17	10.32	170	103.21	10.31		
TOTAL	4	17	10.32	170	103.21	10.31	0.100	400 LB/ACRE NITROGEN
DF	5	13	9.55	130	95.53	11.34		
PP	5	1	0.39	10	3.94	8.50		
TOTAL	5	14	9.95	140	99.47	11.14	0.100	200 LB/ACRE NITROGEN
DF	6	18	11.11	180	111.10	10.40		
TOTAL	6	18	11.11	180	111.10	10.40	0.100	CONTROL
GRAND TOTAL		93	83.06	155	138.44	12.29		

Ownership

Flathead Indian Reservation
(Bureau of Indian Affairs)

Legal Description

T17N, R21W, S22, SW¼

Meridian

Principal

PLOT SUMMARY
INSTALLATION 285

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	18	13.58	180	135.83	11.40		
TOTAL	1	18	13.58	180	135.83	11.40	0.100	CONTROL
DF	2	15	10.55	150	105.54	10.98		
PP	2	3	1.12	30	11.24	8.19		
TOTAL	2	18	11.68	180	116.78	10.51	0.100	200 LB/ACRE NITROGEN
DF	3	15	12.39	150	123.90	11.92		
TOTAL	3	15	12.39	150	123.90	11.92	0.100	400 LB/ACRE NITROGEN
DF	4	12	10.69	120	106.95	12.67		
TOTAL	4	12	10.69	120	106.95	12.67	0.100	400 LB/ACRE NITROGEN
DF	5	14	12.04	140	120.35	12.42		
TOTAL	5	14	12.04	140	120.35	12.42	0.100	CONTROL
DF	6	16	10.73	160	107.35	10.98		
TOTAL	6	16	10.73	160	107.35	10.98	0.100	200 LB/ACRE NITROGEN
GRAND TOTAL		93	71.11	155	118.52	11.56		

Ownership

Flathead Indian Reservation
(Bureau of Indian Affairs)

Legal Description

T16N, R21W, S2, W $\frac{1}{2}$

Meridian

Principal

PLOT SUMMARY

INSTALLATION 286

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVF DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	19	19.16	190	191.55	13.27		
TOTAL	1	19	19.16	190	191.55	13.27	0.100	200 LB/ACRE NITROGEN
DF	2	23	21.63	230	216.30	12.88		
TOTAL	2	23	21.63	230	216.30	12.88	0.100	CONTROL
DF	3	25	24.98	250	249.82	13.09		
TOTAL	3	25	24.98	250	249.82	13.05	0.100	400 LB/ACRE NITROGEN
DF	4	24	20.15	240	201.48	12.08		
TOTAL	4	24	20.15	240	201.48	12.08	0.100	CONTROL
DF	5	24	18.81	240	188.13	11.39		
TOTAL	5	24	18.81	240	188.13	11.39	0.100	200 LB/ACRE NITROGEN
DF	6	29	22.15	290	221.46	11.56		
TOTAL	6	29	22.15	290	221.46	11.56	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		144	126.87	240	211.46	12.32		

Ownership

Bureau of Land Management
(Idaho)

Legal Description

T48N, R1W, S8, S $\frac{1}{2}$, NW $\frac{1}{4}$

Meridian

Boise

PLOT SUMMARY

INSTALLATION 287

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	22	10.69	220	106.94	9.17		
GF	1	5	1.52	50	15.18	7.22		
WL	1	12	5.27	120	52.68	8.88		
PP	1	2	0.58	20	5.78	7.28		
TOTAL	1	41	18.06	410	180.58	8.75	0.100	CONTROL
DF	2	24	13.56	240	135.63	9.89		
GF	2	7	1.32	70	13.23	5.61		
WL	2	3	0.80	30	7.96	6.96		
TOTAL	2	34	15.68	340	156.82	8.75	0.100	400 LB/ACRE NITROGEN
DF	3	37	17.68	370	176.81	9.13		
GF	3	9	2.21	90	22.09	6.41		
WL	3	3	1.19	30	11.86	8.44		
TOTAL	3	49	21.08	490	210.77	8.59	0.100	200 LB/ACRE NITROGEN
DF	4	40	15.34	400	153.41	8.11		
WL	4	4	1.79	40	17.90	8.61		
LP	4	1	0.28	10	2.81	7.18		
TOTAL	4	45	17.41	450	174.13	8.14	0.100	CONTROL
DF	5	41	14.63	410	146.26	7.91		
WL	5	5	1.68	50	16.83	7.75		
TOTAL	5	46	16.31	460	163.09	7.89	0.100	200 LB/ACRE NITROGEN
DF	6	37	13.67	370	136.67	7.94		
GF	6	5	0.86	50	8.60	5.50		
WL	6	3	1.35	30	13.47	8.89		
TOTAL	6	45	15.87	450	158.74	7.73	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		260	104.41	433	174.02	8.29		

Ownership

Potlatch Corporation

Legal Description

T35N, R4E, S8, SW $\frac{1}{4}$, SE $\frac{1}{4}$

Meridian

Boise

PLOT SUMMARY

INSTALLATION 288

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	23	18.04	230	180.43	11.26		
GF	1	1	0.81	10	8.09	12.18		
WL	1	1	0.40	10	4.02	8.58		
PP	1	5	7.25	50	72.55	15.75		
TOTAL	1	30	26.51	300	265.08	11.95	0.100	CONTROL
DF	2	21	21.48	210	214.79	13.14		
PP	2	2	0.75	20	7.50	8.22		
TOTAL	2	23	22.23	230	222.29	12.71	0.100	200 LB/ACRE NITROGEN
DF	3	18	16.48	180	164.76	11.96		
GF	3	2	2.15	20	21.54	12.22		
WL	3	5	2.99	50	29.86	10.38		
TCTAL	3	25	21.62	250	216.16	11.66	0.100	400 LB/ACRE NITROGEN
DF	4	32	22.49	320	224.91	10.26		
GF	4	2	0.29	20	2.90	5.10		
WC	4	1	0.70	10	7.03	11.35		
WL	4	5	2.06	50	20.60	8.40		
TCTAL	4	40	25.54	400	255.43	9.80	0.100	CONTROL
DF	5	25	23.67	250	236.75	12.74		
PP	5	1	0.64	10	6.36	10.80		
TOTAL	5	26	24.31	260	243.11	12.67	0.100	400 LB/ACRE NITROGEN
DF	6	33	25.31	330	253.10	11.10		
PP	6	9	7.94	90	79.37	12.21		
TOTAL	6	42	33.25	420	332.47	11.34	0.100	200 LB/ACRE NITROGEN
GRAND TCTAL		186	153.45	310	255.76	11.51		

Ownership

Inland Empire Paper Company

Legal Description

T49N, R5W, S33, SW¼

Meridian

Boise

PLOT SUMMARY

INSTALLATION 289

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ ACRE	BA/ ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	45	17.57	450	175.74	8.05		
TOTAL	1	45	17.57	450	175.74	8.05	0.100	CONTROL
DF	2	53	20.45	530	204.54	7.97		
GF	2	2	0.21	20	2.08	4.31		
TOTAL	2	55	20.66	550	206.62	7.84	0.100	200 LB/ACRE NITROGEN
DF	3	37	16.66	370	166.64	8.78		
TOTAL	3	37	16.66	370	166.64	8.78	0.100	400 LB/ACRE NITROGEN
DF	4	36	16.34	360	163.43	8.42		
TOTAL	4	36	16.34	360	163.43	8.42	0.100	400 LB/ACRE NITROGEN
DF	5	42	20.38	420	203.79	8.89		
GF	5	2	0.43	20	4.32	5.76		
WL	5	1	0.20	10	2.02	6.09		
TOTAL	5	45	21.01	450	210.13	8.69	0.100	200 LB/ACRE NITROGEN
DF	6	40	16.82	400	168.21	8.08		
TOTAL	6	40	16.82	400	168.21	8.08	0.100	CONTROL
GRAND TOTAL		258	109.08	430	181.80	8.28		

Ownership

Inland Empire Paper Company

Legal Description

T40N, R40E, S8, NW¼, NE¼

Meridian

Willamette

PLOT SUMMARY

INSTALLATION 290

SPECIES	PLOT	NUMBER	BASAL AREA	NUM/ACRE	BA/ACRE	AVE DBH	PLOTSIZE (ACRE)	TREATMENT
DF	1	38	18.64	380	186.40	8.72		
WL	1	4	2.18	40	21.83	9.85		
TOTAL	1	42	20.82	420	208.23	8.83	0.100	400 LB/ACRE NITROGEN
DF	2	42	19.42	420	194.15	8.96		
TOTAL	2	42	19.42	420	194.15	8.96	0.100	CONTROL
DF	3	52	26.21	520	262.12	9.04		
TOTAL	3	52	26.21	520	262.12	9.04	0.100	200 LB/ACRE NITROGEN
DF	4	47	17.73	470	177.32	7.80		
WL	4	4	0.69	40	6.90	5.59		
TOTAL	4	51	18.42	510	184.23	7.63	0.100	CONTROL
DF	5	44	18.99	440	189.86	8.47		
TOTAL	5	44	18.99	440	189.86	8.47	0.100	200 LB/ACRE NITROGEN
DF	6	58	18.70	580	187.04	7.35		
GF	6	1	0.68	10	6.84	11.20		
LP	6	1	0.38	10	3.85	8.40		
PP	6	1	0.60	10	5.99	10.48		
TOTAL	6	61	20.37	610	203.72	7.48	0.100	400 LB/ACRE NITROGEN
GRAND TOTAL		292	124.23	487	207.05	8.34		

Ownership

Inland Empire Paper Company

Legal Description

T39N, R40E, S1, NE¼, SE¼

Meridian

Willamette